

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084909.D
 Acq On : 17 Nov 2024 20:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:29:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	145777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109038	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	103060	48.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.165	113	82872	50.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	10.565	98	299123	49.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	116907	51.936	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	79992	47.733	ug/l	93
3) Chloromethane	2.359	50	97604	49.616	ug/l	100
4) Vinyl Chloride	2.512	62	97851	54.288	ug/l	98
5) Bromomethane	2.901	94	54161	56.714	ug/l	99
6) Chloroethane	3.065	64	64712	58.229	ug/l	100
7) Trichlorofluoromethane	3.459	101	168186	56.645	ug/l	96
8) Diethyl Ether	3.953	74	54099	51.651	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	84417	50.316	ug/l	97
10) Methyl Iodide	4.571	142	120448	53.717	ug/l	97
11) Tert butyl alcohol	5.536	59	79122	284.691	ug/l	100
12) 1,1-Dichloroethene	4.324	96	79715	48.018	ug/l	98
13) Acrolein	4.171	56	72881	262.980	ug/l	96
14) Allyl chloride	5.012	41	126951	47.154	ug/l	93
15) Acrylonitrile	5.712	53	214074	266.072	ug/l	99
16) Acetone	4.430	43	170425	280.559	ug/l	99
17) Carbon Disulfide	4.695	76	219507	42.937	ug/l	99
18) Methyl Acetate	5.018	43	107167	48.083	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	279206	54.872	ug/l	94
20) Methylene Chloride	5.265	84	91819	49.583	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	81611	47.876	ug/l	98
22) Diisopropyl ether	6.665	45	264926	49.523	ug/l	98
23) Vinyl Acetate	6.595	43	989607	268.251	ug/l	97
24) 1,1-Dichloroethane	6.565	63	161155	50.177	ug/l	97
25) 2-Butanone	7.483	43	272521	277.435	ug/l	97
26) 2,2-Dichloropropane	7.483	77	122701	43.894	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	99940	50.211	ug/l	95
28) Bromochloromethane	7.812	49	63639	49.734	ug/l	87
29) Tetrahydrofuran	7.836	42	176559	270.935	ug/l	93
30) Chloroform	7.959	83	171940	52.598	ug/l	95
31) Cyclohexane	8.253	56	136081	46.814	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	160486	53.939	ug/l	95
36) 1,1-Dichloropropene	8.365	75	116832	51.522	ug/l	99
37) Ethyl Acetate	7.553	43	109558	53.251	ug/l	97
38) Carbon Tetrachloride	8.359	117	142154	56.085	ug/l	97
39) Methylcyclohexane	9.594	83	124764	54.083	ug/l	98
40) Benzene	8.600	78	365643	50.209	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084909.D
 Acq On : 17 Nov 2024 20:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 00:29:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	61024	55.156	ug/l	93
42) 1,2-Dichloroethane	8.665	62	126981	53.841	ug/l	99
43) Isopropyl Acetate	8.688	43	194177	51.109	ug/l	97
44) Trichloroethene	9.347	130	86465	51.483	ug/l	98
45) 1,2-Dichloropropane	9.618	63	86675	50.737	ug/l	94
46) Dibromomethane	9.706	93	63245	52.466	ug/l	96
47) Bromodichloromethane	9.883	83	135570	53.353	ug/l	98
48) Methyl methacrylate	9.677	41	90613	56.590	ug/l	96
49) 1,4-Dioxane	9.694	88	33898	1194.662	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	561957	286.520	ug/l	97
52) Toluene	10.630	92	229773	53.949	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134769	51.239	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	142978	51.361	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	85041	53.007	ug/l	96
56) Ethyl methacrylate	10.871	69	139998	60.328	ug/l	94
57) 1,3-Dichloropropane	11.159	76	148819	54.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	313736	288.918	ug/l	95
59) 2-Hexanone	11.194	43	415570	291.095	ug/l	96
60) Dibromochloromethane	11.359	129	103955	56.853	ug/l	100
61) 1,2-Dibromoethane	11.465	107	87232	53.096	ug/l	99
64) Tetrachloroethene	11.100	164	74811	52.253	ug/l	98
65) Chlorobenzene	11.888	112	246450	51.181	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	92836	55.427	ug/l	97
67) Ethyl Benzene	11.959	91	436251	54.275	ug/l	100
68) m/p-Xylenes	12.071	106	331346	108.888	ug/l	98
69) o-Xylene	12.394	106	159179	55.918	ug/l	97
70) Styrene	12.412	104	278012	55.985	ug/l	99
71) Bromoform	12.576	173	69573	55.203	ug/l #	97
73) Isopropylbenzene	12.694	105	413792	54.153	ug/l	100
74) N-amyl acetate	12.494	43	171747	52.810	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	126946	49.773	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	107321m	49.238	ug/l	
77) Bromobenzene	12.976	156	102740	50.015	ug/l	92
78) n-propylbenzene	13.035	91	472992	52.824	ug/l	99
79) 2-Chlorotoluene	13.123	91	304575	52.058	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	356319	56.263	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43555	47.407	ug/l	98
82) 4-Chlorotoluene	13.218	91	303261	49.253	ug/l	98
83) tert-Butylbenzene	13.435	119	307629	58.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	358117	54.788	ug/l	98
85) sec-Butylbenzene	13.618	105	398386	53.808	ug/l	99
86) p-Isopropyltoluene	13.729	119	341371	56.220	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	186228	46.454	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	186440	50.749	ug/l	100
89) n-Butylbenzene	14.053	91	276493	48.679	ug/l	99
90) Hexachloroethane	14.329	117	65775	48.574	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	189180	49.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27364	52.960	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	98246	46.595	ug/l	100
94) Hexachlorobutadiene	15.500	225	45226	48.843	ug/l	96
95) Naphthalene	15.641	128	313685	49.703	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	97158	47.468	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
Data File : VN084909.D
Acq On : 17 Nov 2024 20:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

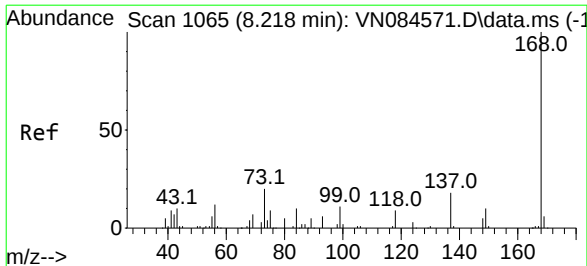
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:29:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

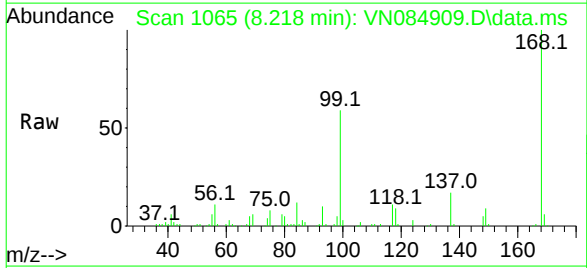
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

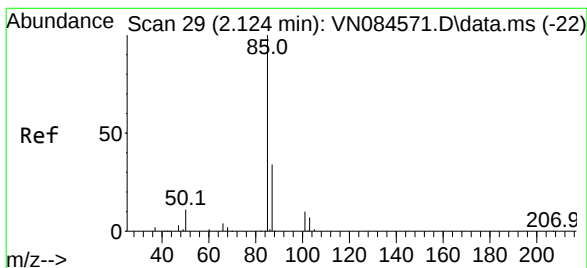
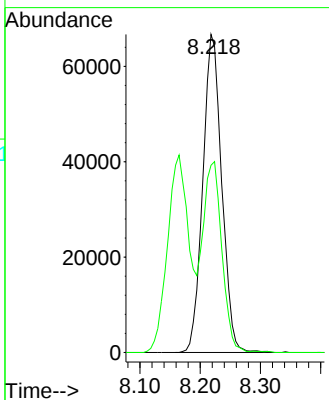
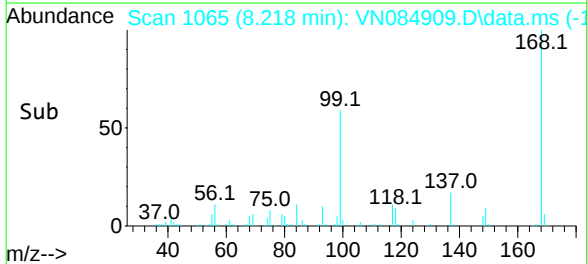
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



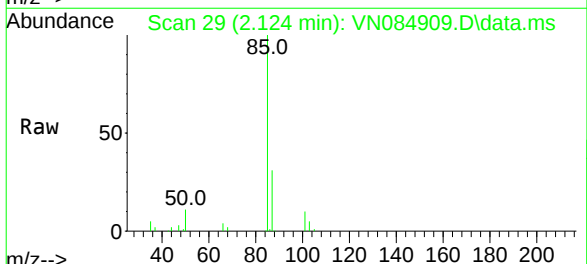
Tgt Ion:168 Resp: 145777
Ion Ratio Lower Upper
168 100
99 58.9 54.2 81.2

Manual Integrations
APPROVED

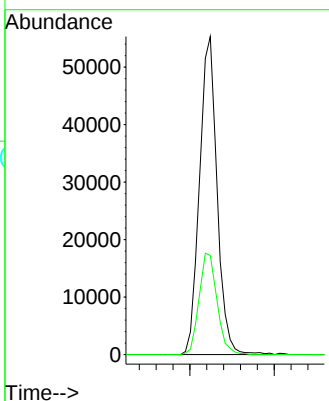
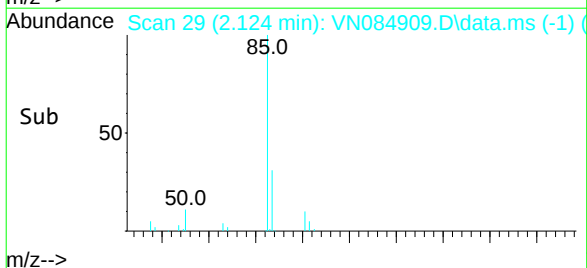
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

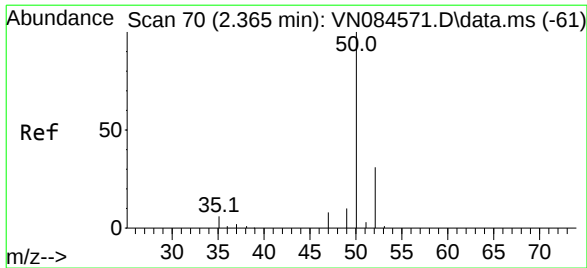


#2
Dichlorodifluoromethane
Concen: 47.733 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49



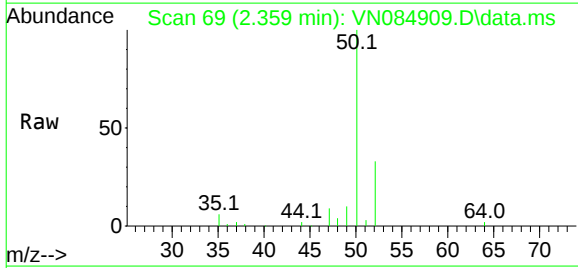
Tgt Ion: 85 Resp: 79992
Ion Ratio Lower Upper
85 100
87 31.2 17.6 52.9





#3
Chloromethane
Concen: 49.616 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

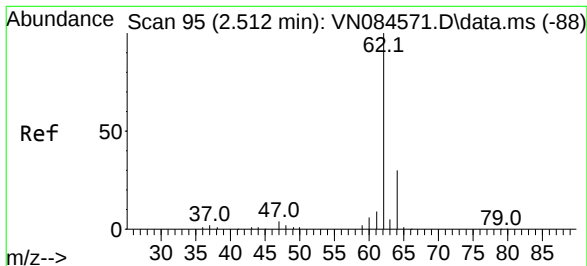
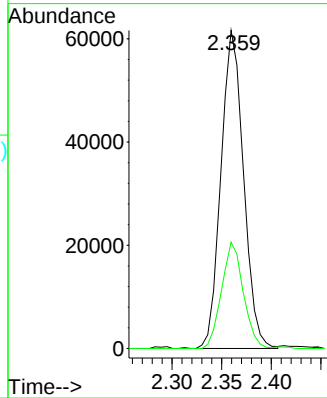
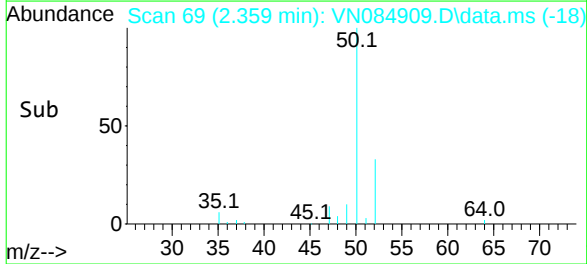
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 97604
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2

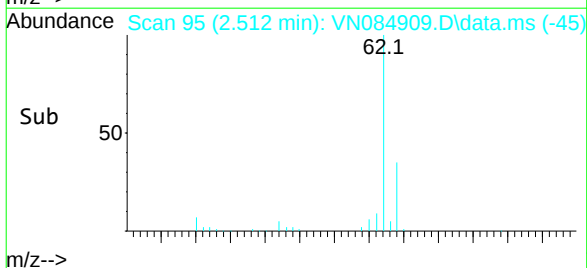
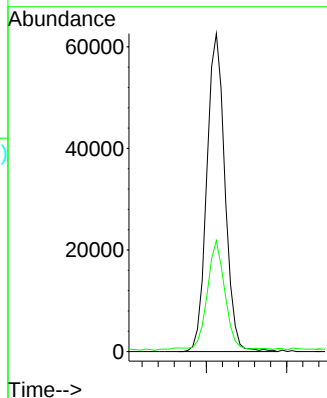
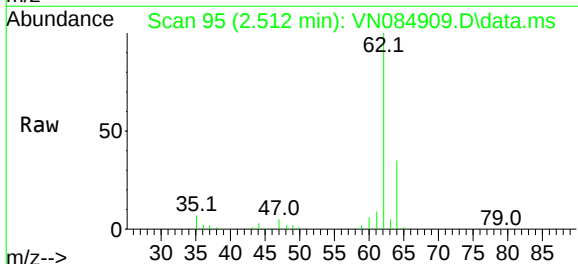
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#4
Vinyl Chloride
Concen: 54.288 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

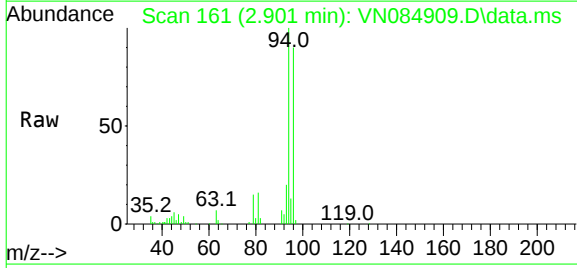
Tgt Ion: 62 Resp: 97851
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.4





#5
Bromomethane
Concen: 56.714 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

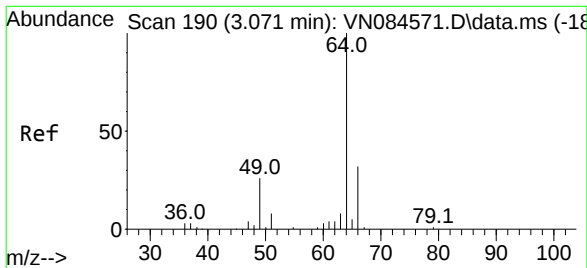
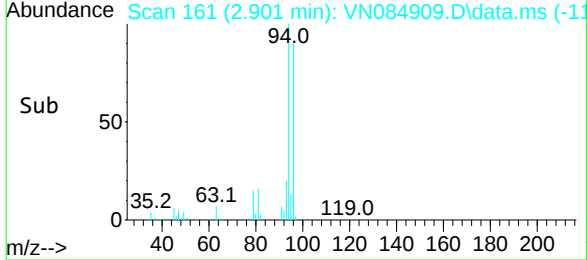
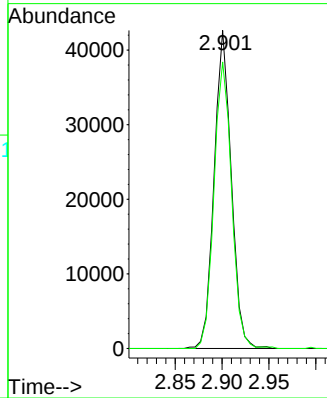
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 54161
Ion Ratio Lower Upper
94 100
96 90.1 72.9 109.3

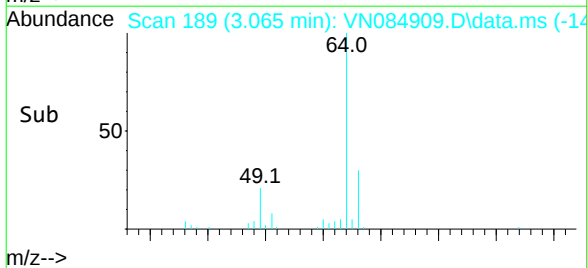
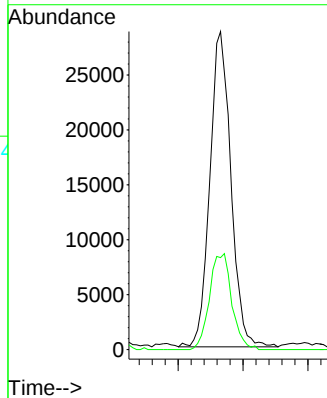
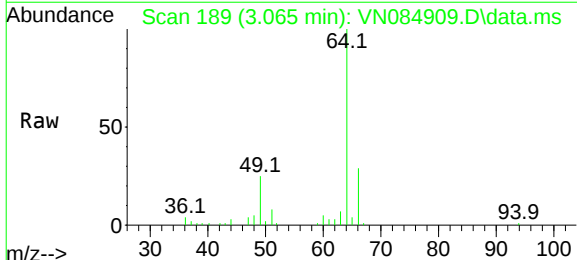
Manual Integrations
APPROVED

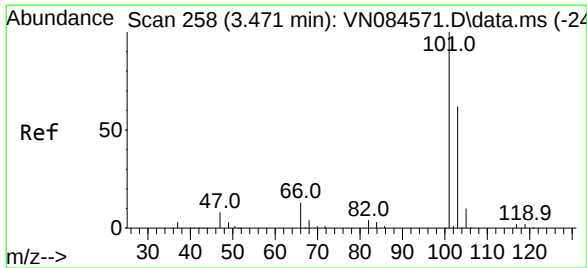
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#6
Chloroethane
Concen: 58.229 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

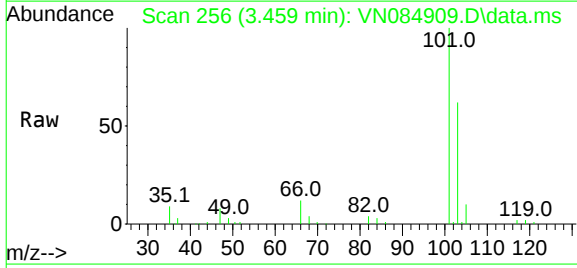
Tgt Ion: 64 Resp: 64712
Ion Ratio Lower Upper
64 100
66 29.2 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 56.645 ug/l
 RT: 3.459 min Scan# 258
 Delta R.T. -0.036 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

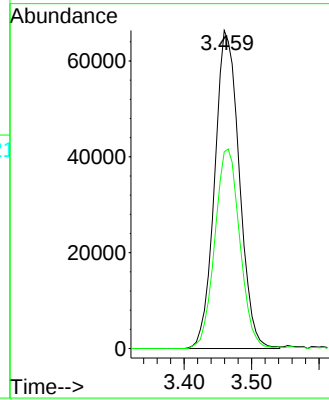
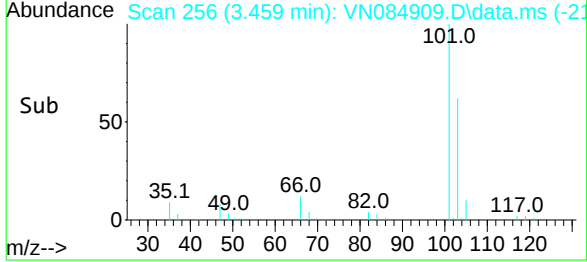
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 168186
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.6

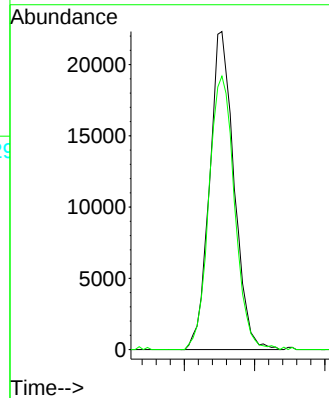
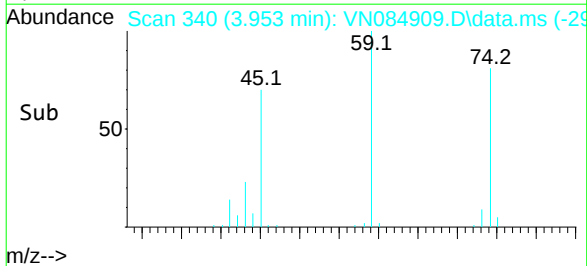
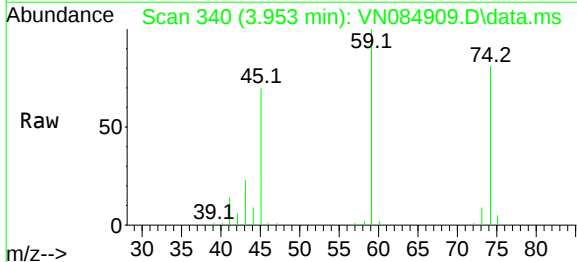
Manual Integrations
 APPROVED

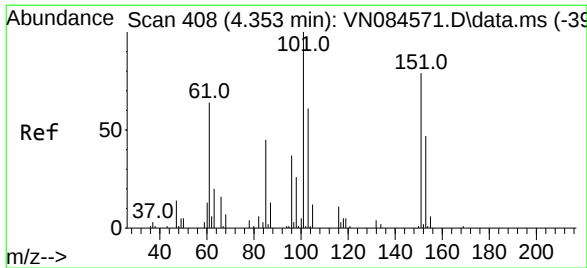
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#8
 Diethyl Ether
 Concen: 51.651 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

Tgt Ion: 74 Resp: 54099
 Ion Ratio Lower Upper
 74 100
 45 90.0 47.7 143.1





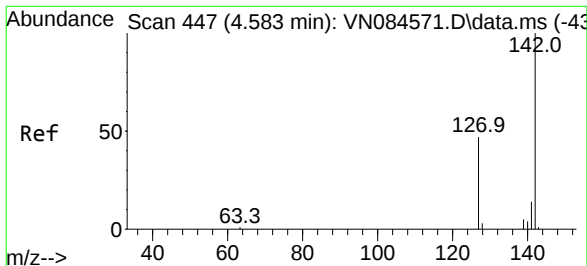
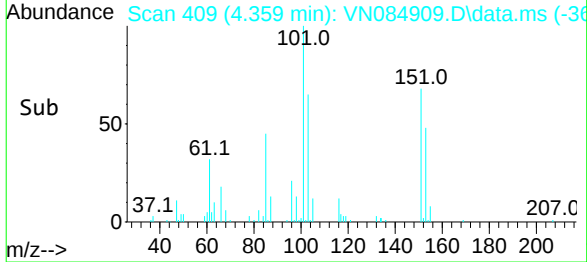
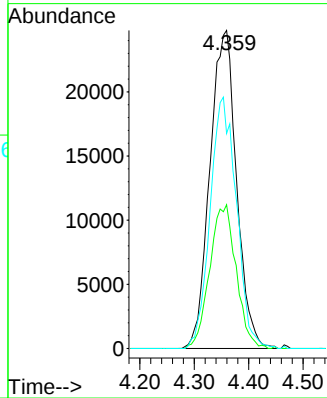
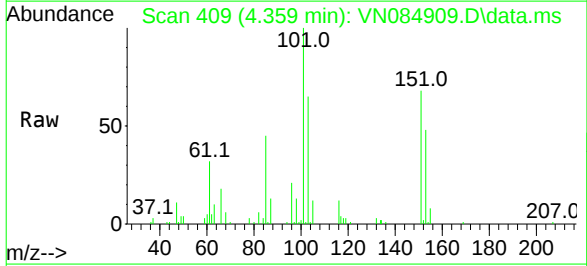
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.316 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.2	54.4
151	78.1	59.3	88.9

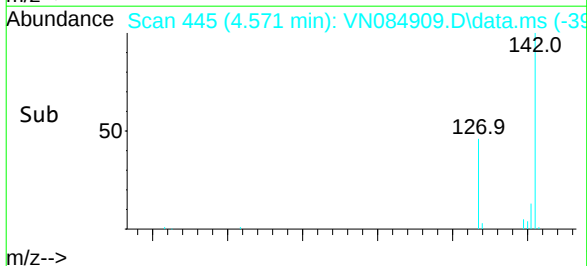
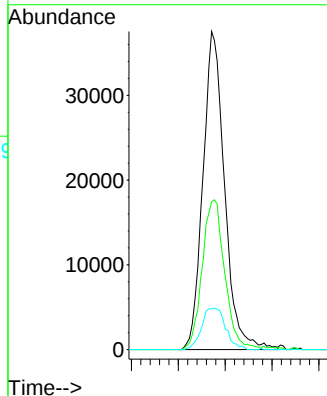
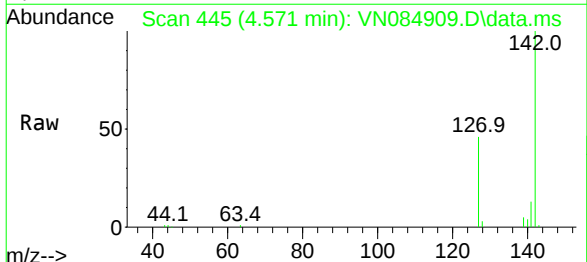
Manual Integrations
APPROVED

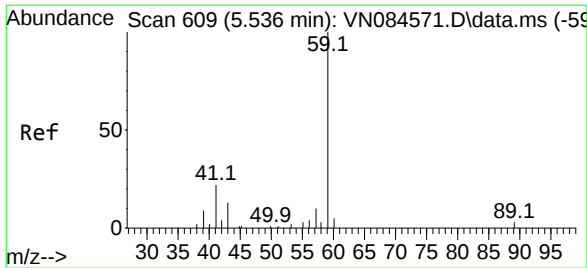
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#10
Methyl Iodide
Concen: 53.717 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.023 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.5	35.3	52.9
141	12.8	11.0	16.6





#11

Tert butyl alcohol

Concen: 284.691 ug/l

RT: 5.536 min Scan# 609

Delta R.T. 0.012 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 79122

Ion Ratio Lower Upper

59 100

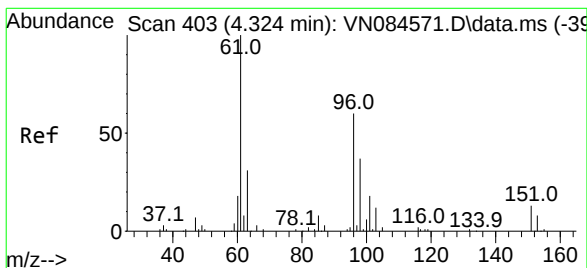
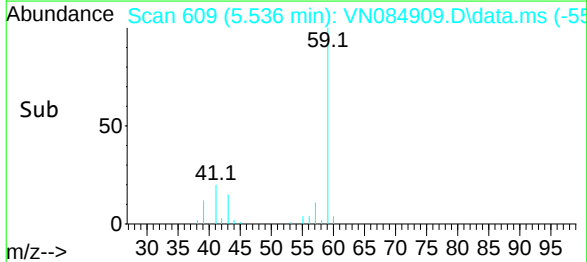
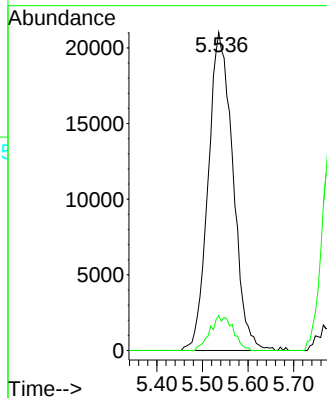
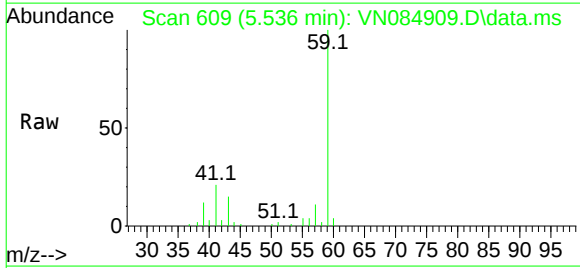
57 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#12

1,1-Dichloroethene

Concen: 48.018 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

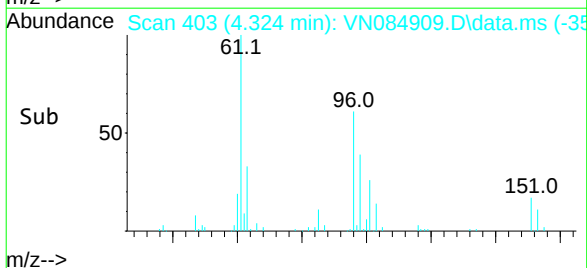
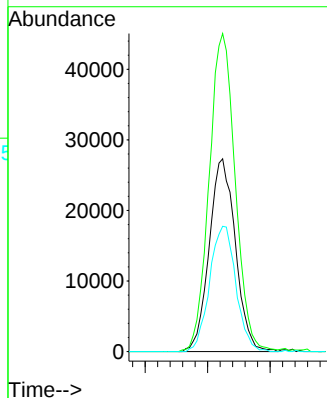
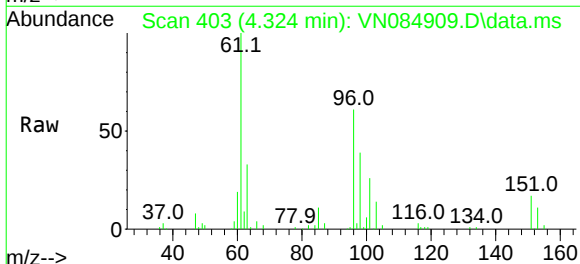
Tgt Ion: 96 Resp: 79715

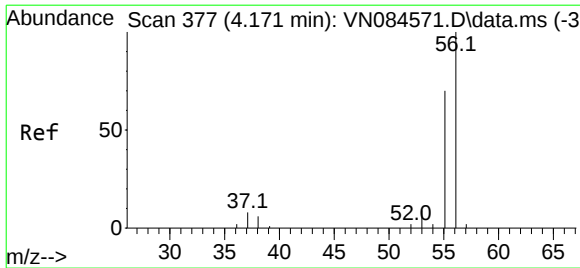
Ion Ratio Lower Upper

96 100

61 165.0 128.6 192.8

98 65.0 51.7 77.5





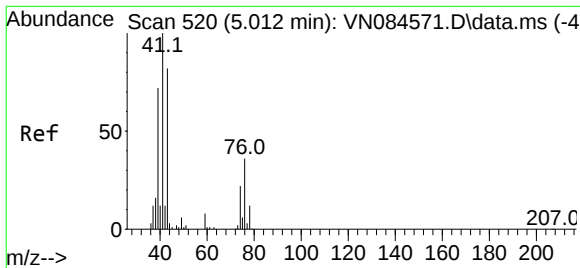
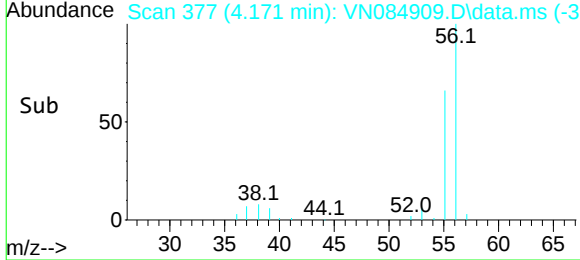
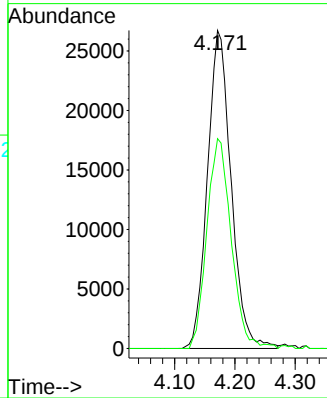
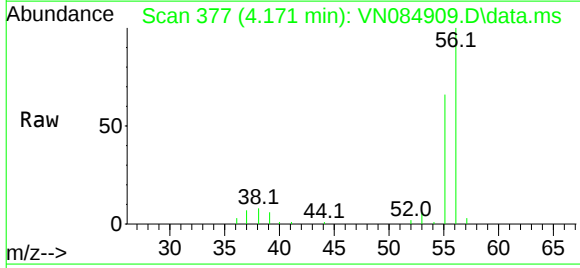
#13
Acrolein
Concen: 262.980 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 72881
Ion Ratio Lower Upper
56 100
55 67.9 57.2 85.8

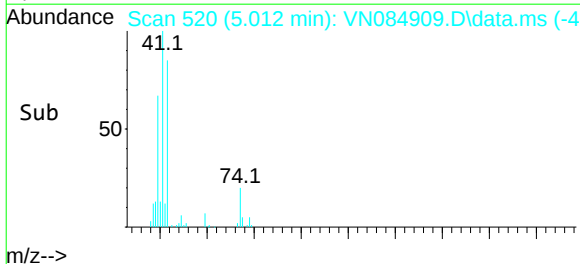
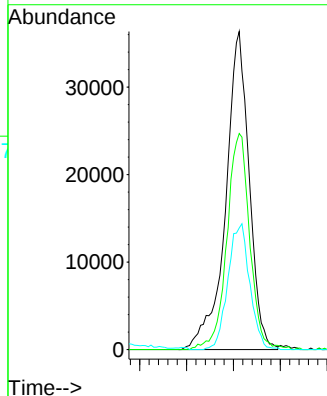
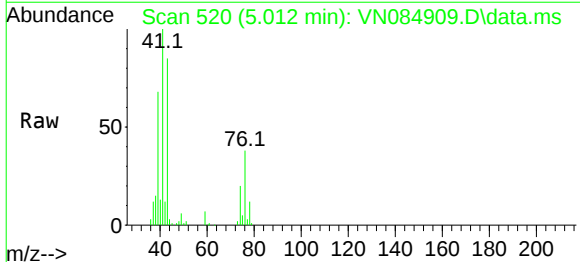
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#14
Allyl chloride
Concen: 47.154 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

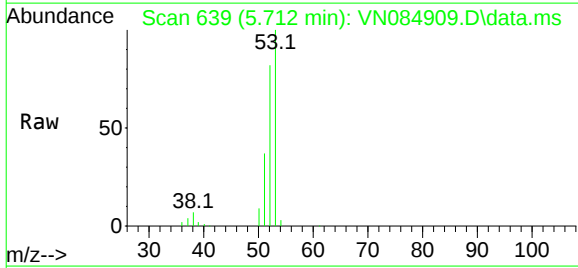
Tgt Ion: 41 Resp: 126951
Ion Ratio Lower Upper
41 100
39 65.8 59.0 88.6
76 36.6 29.8 44.6





#15
Acrylonitrile
Concen: 266.072 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

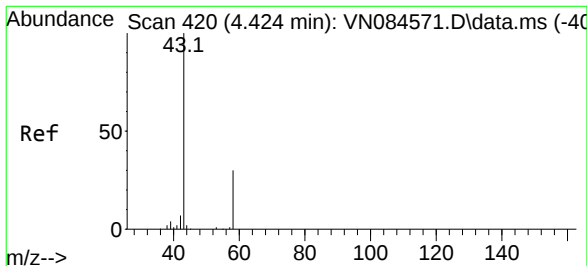
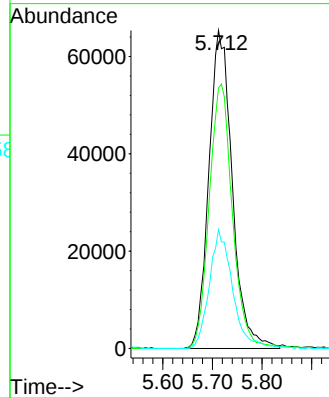
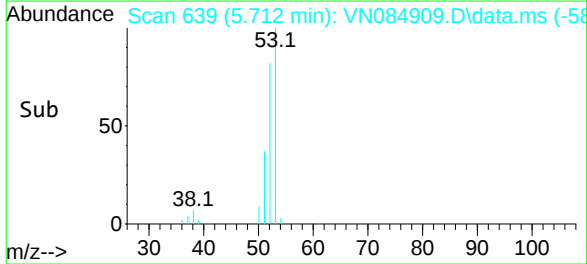
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 214074
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 37.2 28.8 43.2

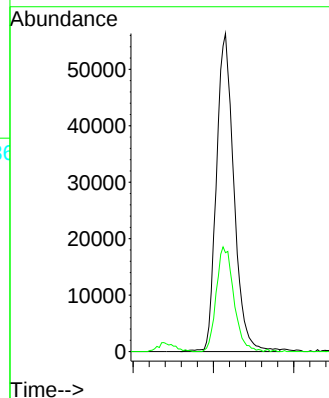
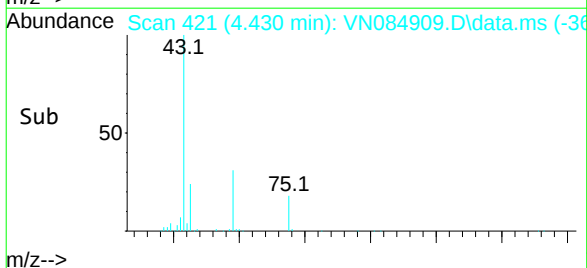
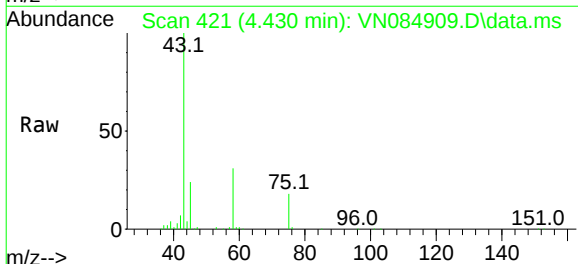
Manual Integrations
APPROVED

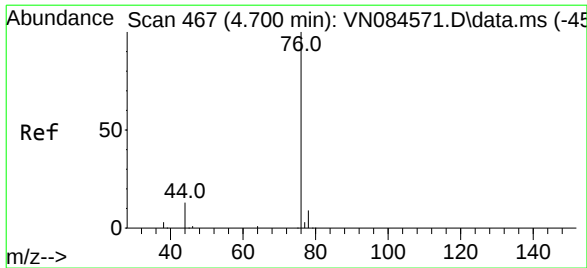
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Acetone
Concen: 280.559 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

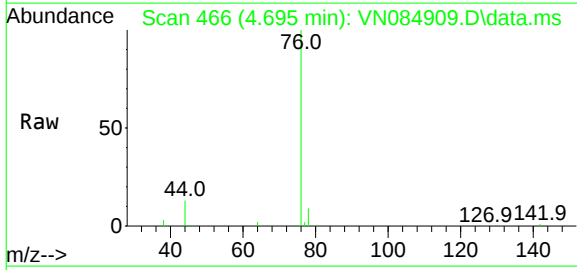
Tgt Ion: 43 Resp: 170425
Ion Ratio Lower Upper
43 100
58 31.1 24.4 36.6





#17
Carbon Disulfide
Concen: 42.937 ug/l
RT: 4.695 min Scan# 46
Delta R.T. -0.017 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

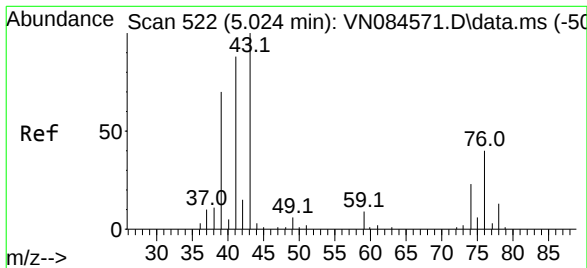
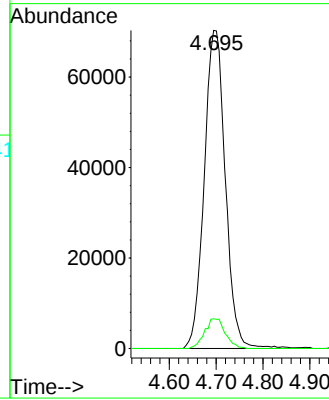
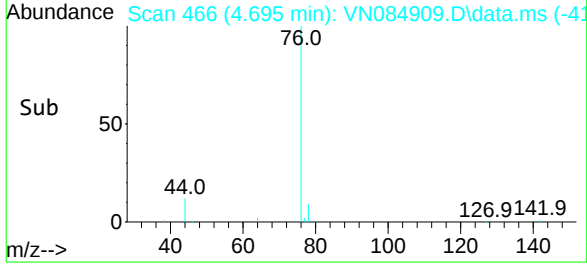
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 219507
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

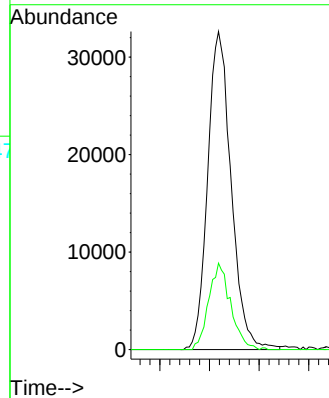
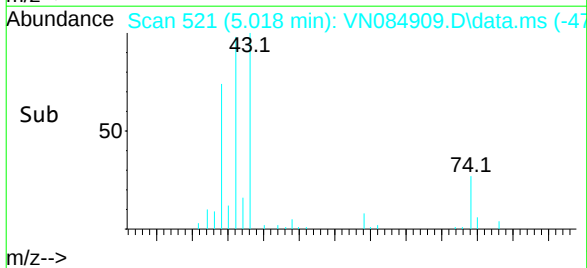
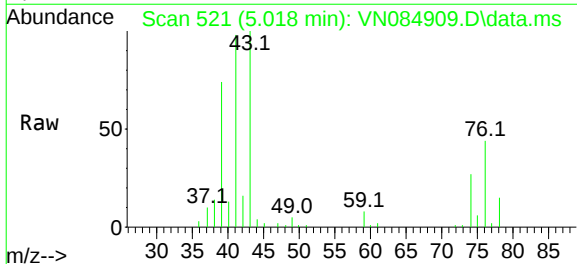
Manual Integrations
APPROVED

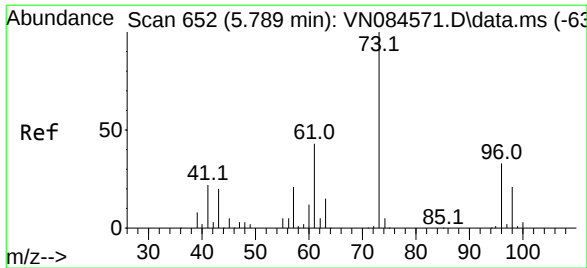
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methyl Acetate
Concen: 48.083 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 43 Resp: 107167
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 54.872 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 279206

Ion Ratio Lower Upper

73 100

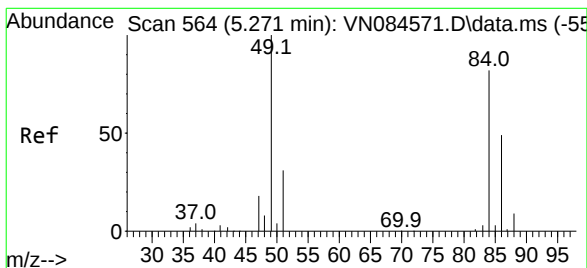
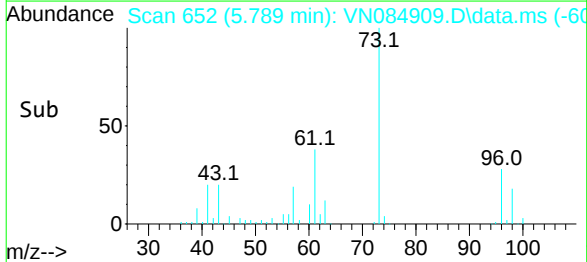
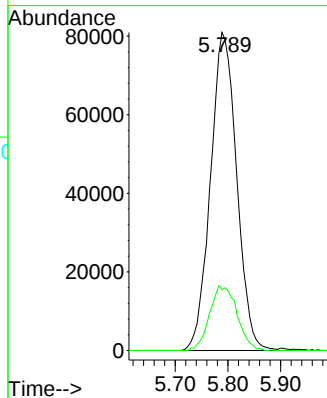
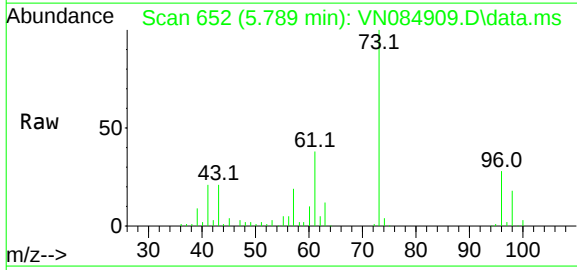
57 19.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#20

Methylene Chloride

Concen: 49.583 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion: 84 Resp: 91819

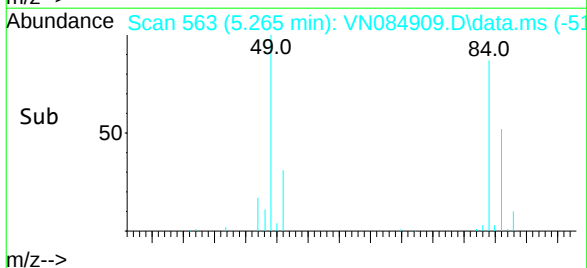
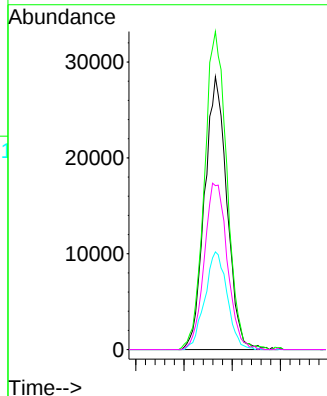
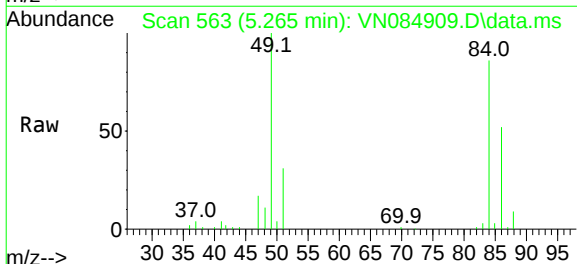
Ion Ratio Lower Upper

84 100

49 116.6 107.2 160.8

51 35.8 31.8 47.8

86 60.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 47.876 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.012 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

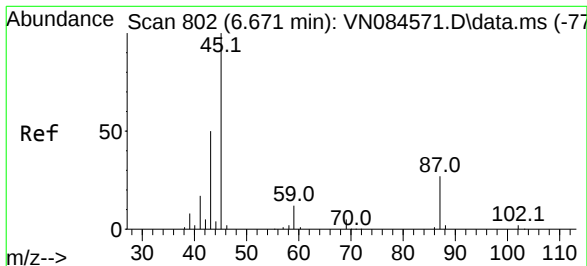
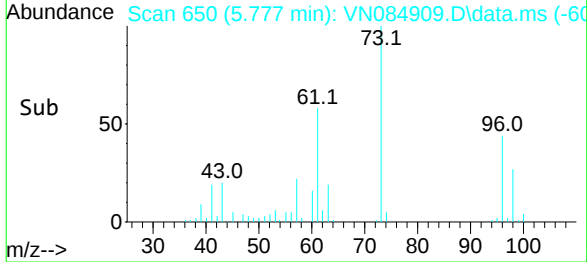
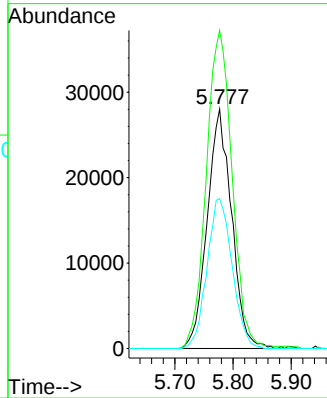
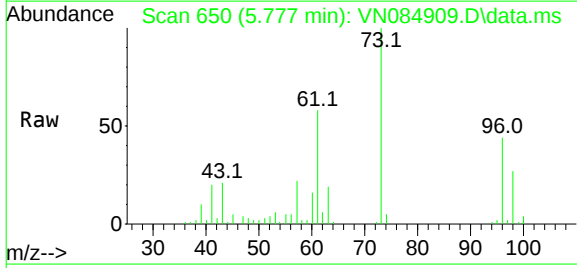
Tgt Ion:	96	Resp:	81611
Ion	Ratio	Lower	Upper
96	100		
61	132.8	108.4	162.6
98	62.6	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#22

Diisopropyl ether

Concen: 49.523 ug/l

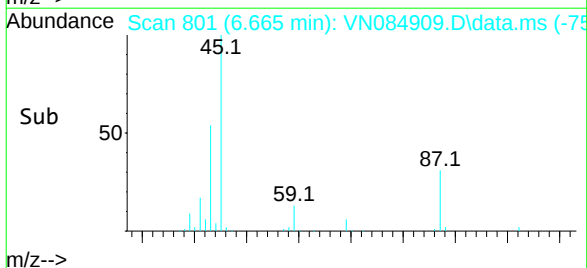
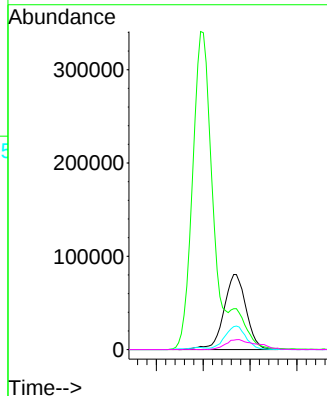
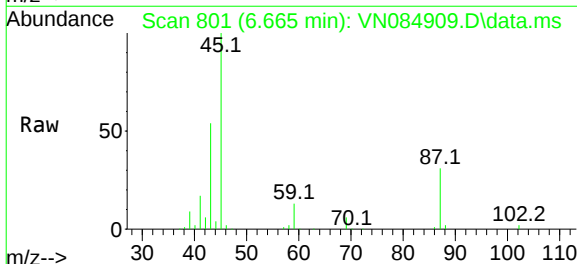
RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion:	45	Resp:	264926
Ion	Ratio	Lower	Upper
45	100		
43	53.3	42.3	63.5
87	30.3	21.8	32.6
59	12.6	9.6	14.4





#23

Vinyl Acetate

Concen: 268.251 ug/l

RT: 6.595 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 989607

Ion Ratio Lower Upper

43 100

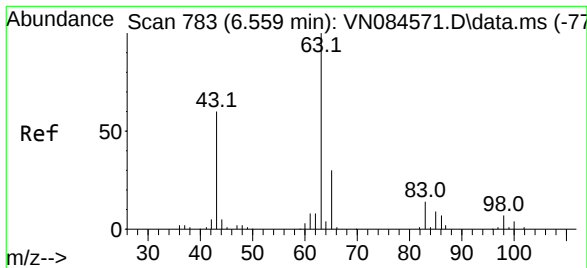
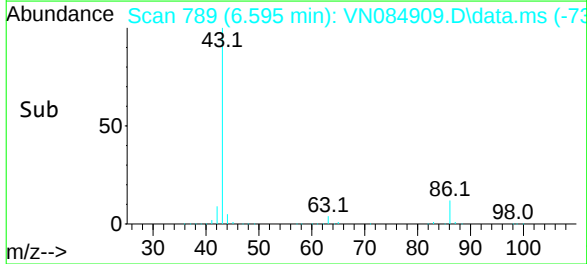
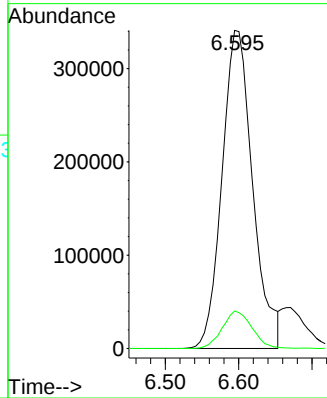
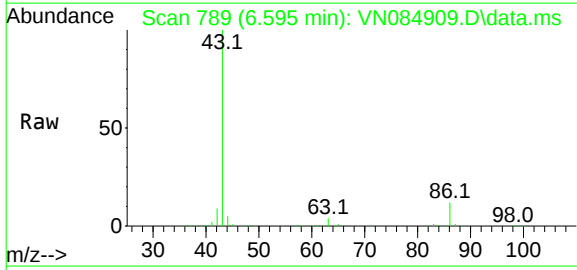
86 11.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#24

1,1-Dichloroethane

Concen: 50.177 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

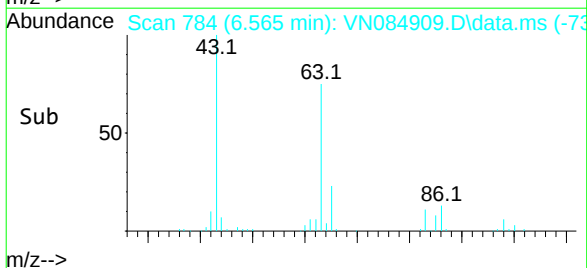
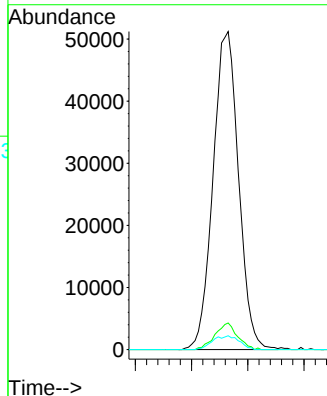
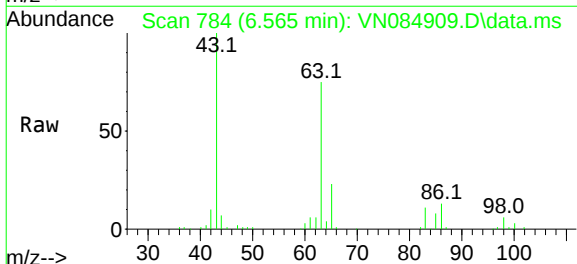
Tgt Ion: 63 Resp: 161155

Ion Ratio Lower Upper

63 100

98 8.4 3.4 10.2

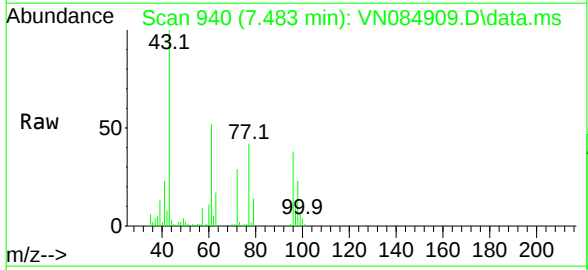
100 4.4 2.0 5.8





#25
2-Butanone
Concen: 277.435 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

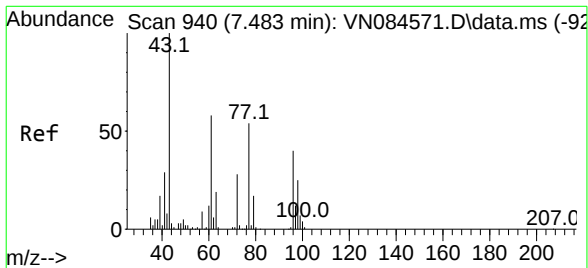
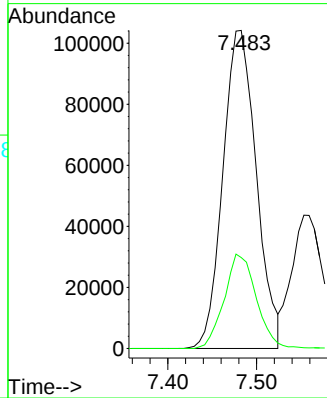
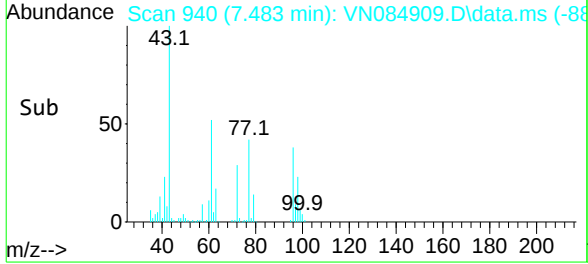
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



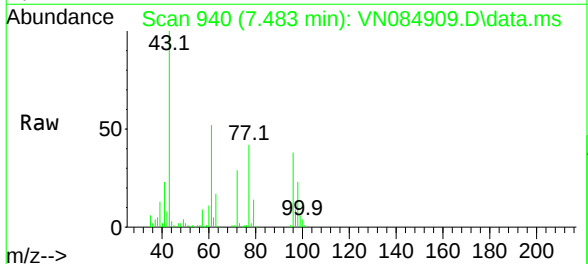
Tgt Ion: 43 Resp: 272521
Ion Ratio Lower Upper
43 100
72 28.6 21.4 32.2

Manual Integrations
APPROVED

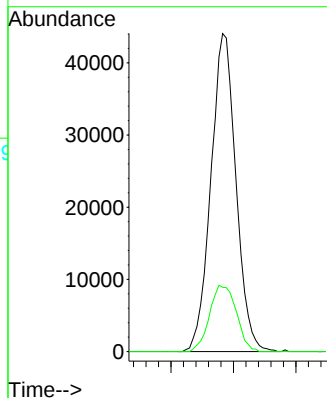
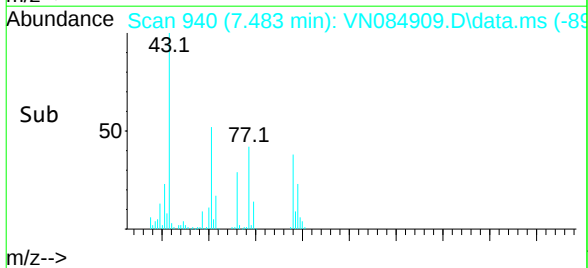
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#26
2,2-Dichloropropane
Concen: 43.894 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49



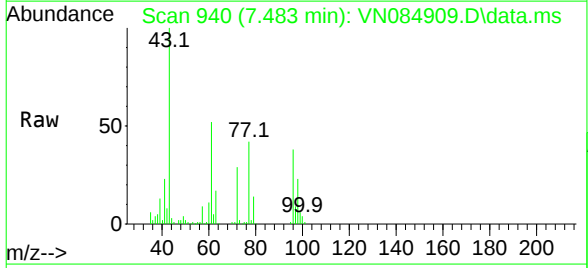
Tgt Ion: 77 Resp: 122701
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 50.211 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

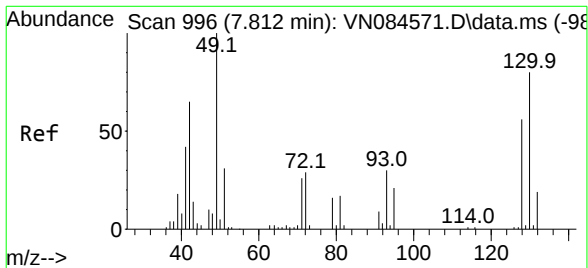
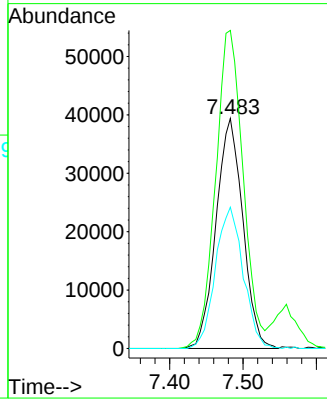
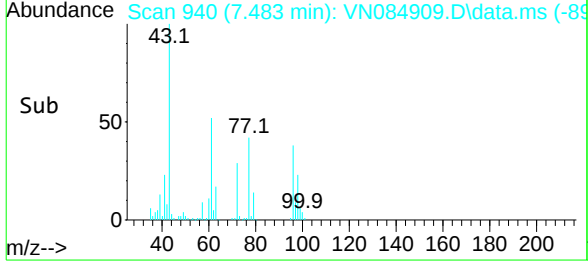
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 99940
Ion Ratio Lower Upper
96 100
61 142.1 0.0 301.8
98 63.9 0.0 128.2

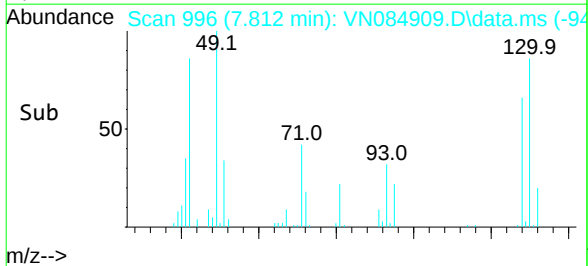
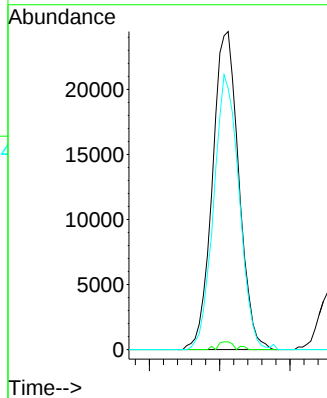
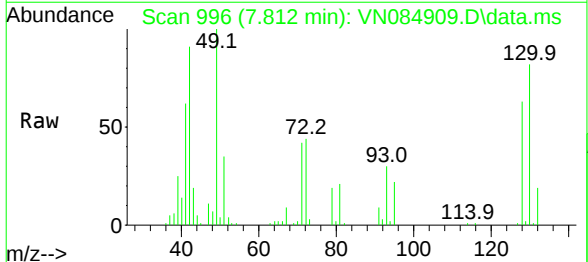
Manual Integrations
APPROVED

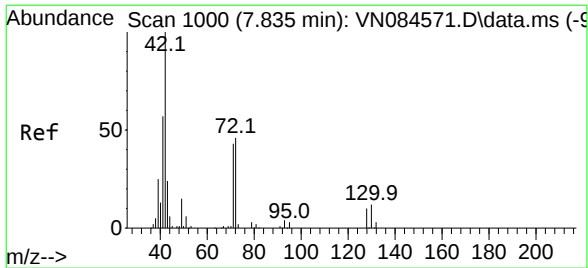
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#28
Bromochloromethane
Concen: 49.734 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 49 Resp: 63639
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 83.5 58.0 87.0





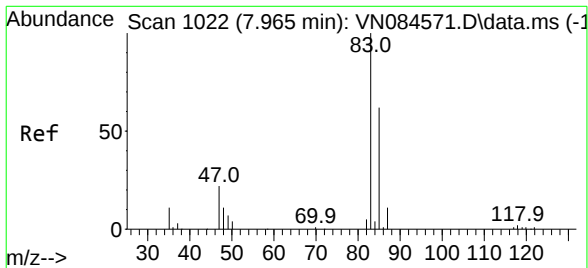
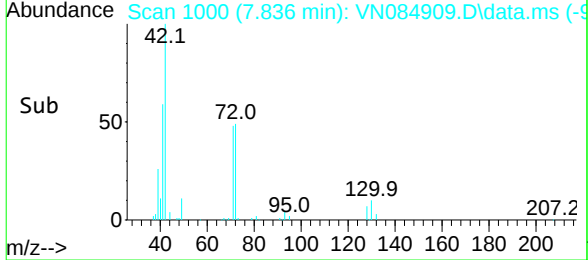
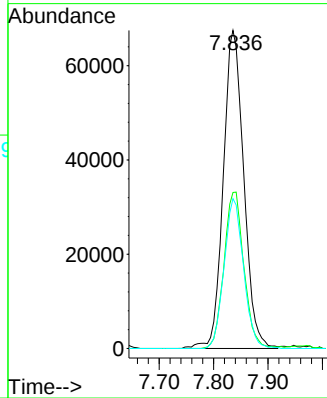
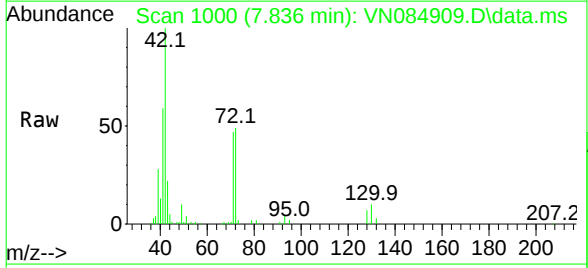
#29
Tetrahydrofuran
Concen: 270.935 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 176559
Ion Ratio Lower Upper
42 100
72 47.8 34.6 51.8
71 44.8 32.2 48.4

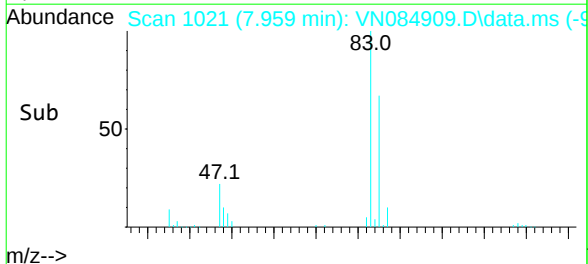
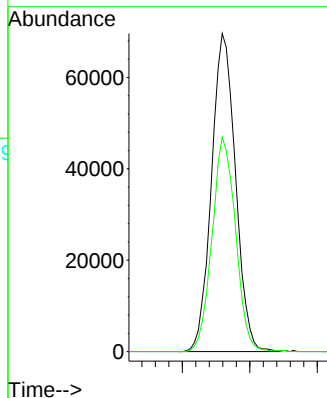
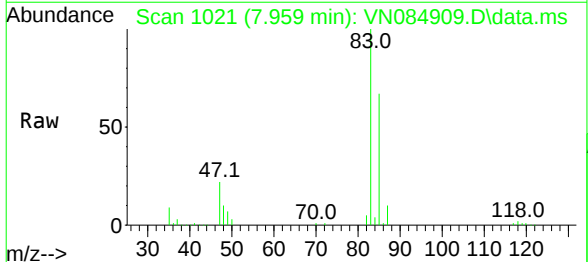
Manual Integrations
APPROVED

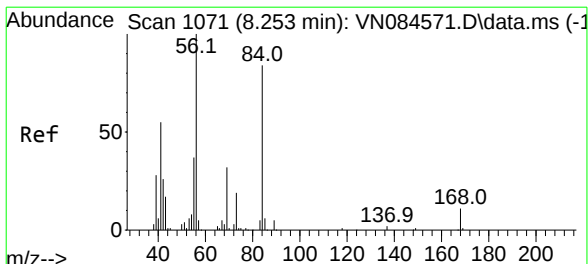
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#30
Chloroform
Concen: 52.598 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

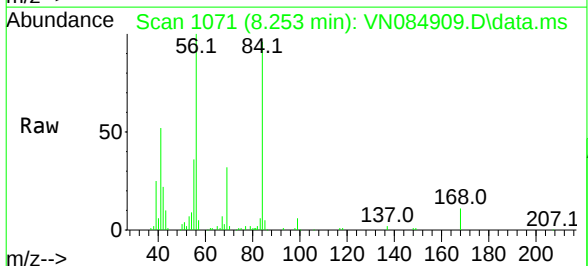
Tgt Ion: 83 Resp: 171940
Ion Ratio Lower Upper
83 100
85 67.4 51.0 76.4





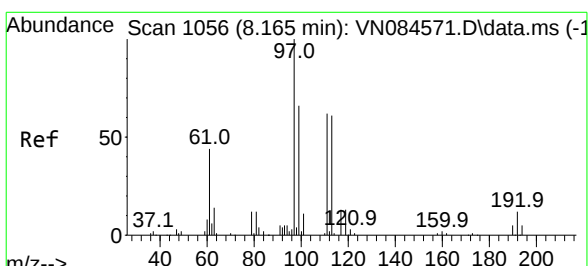
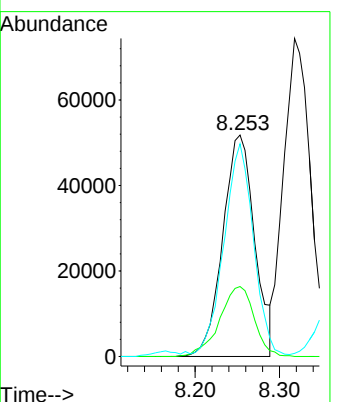
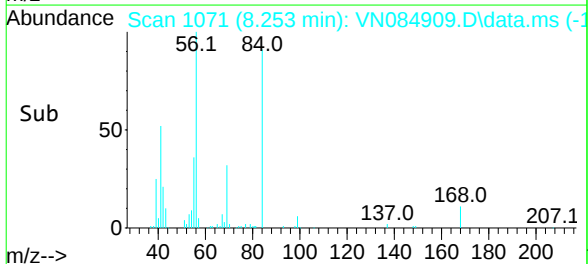
#31
Cyclohexane
Concen: 46.814 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

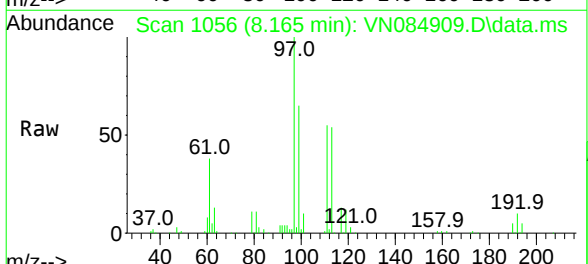


Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.8	35.6
84	94.2	68.8	103.2

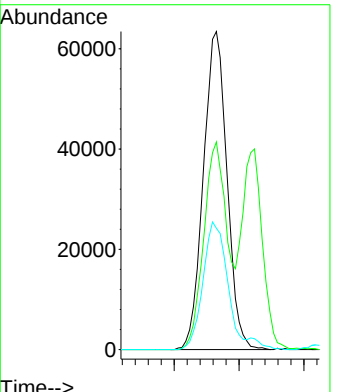
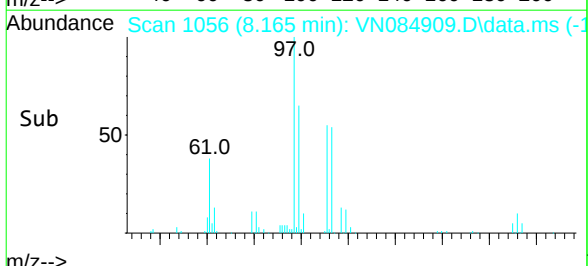
Manual Integrations
APPROVED
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

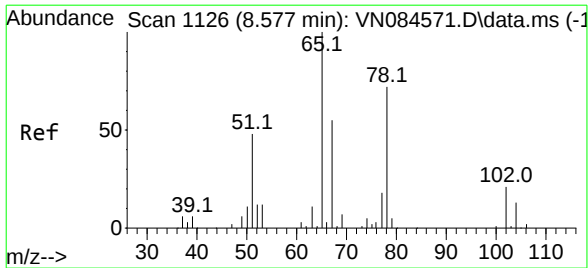


#32
1,1,1-Trichloroethane
Concen: 53.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49



Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	41.1	37.5	56.3





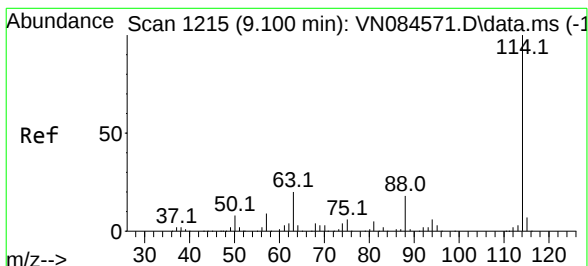
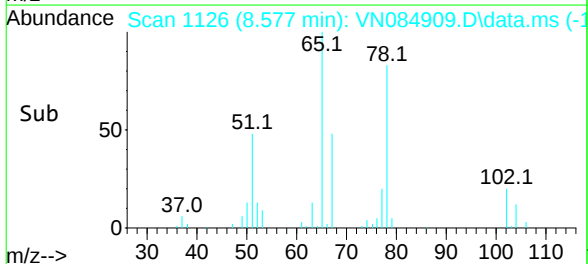
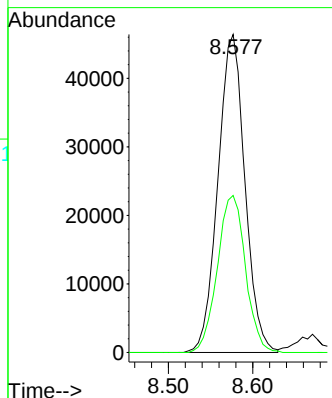
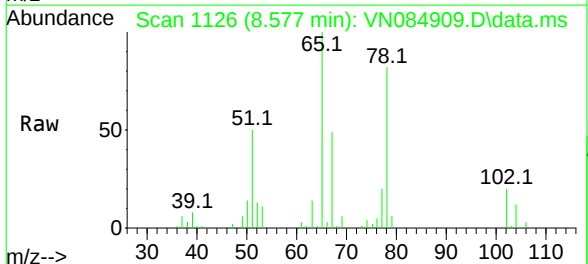
#33
1,2-Dichloroethane-d4
Concen: 48.948 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 103060
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

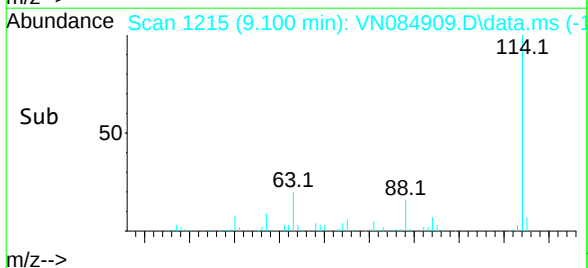
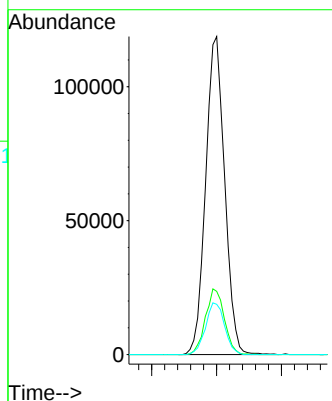
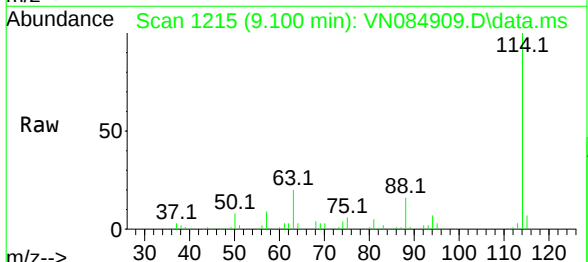
Manual Integrations
APPROVED

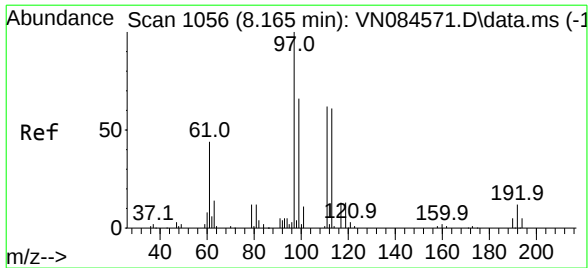
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

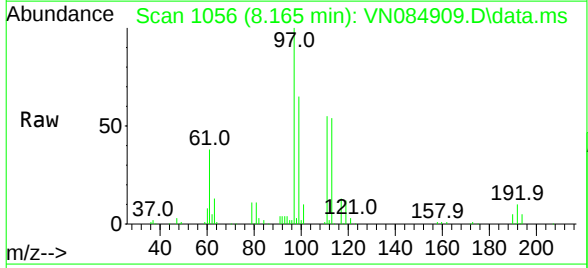
Tgt Ion:114 Resp: 241558
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.8
88 15.8 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 50.684 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

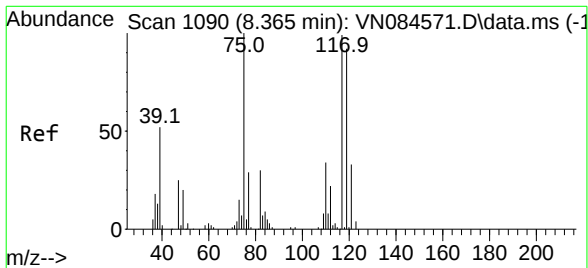
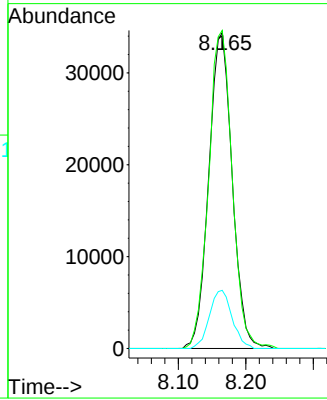
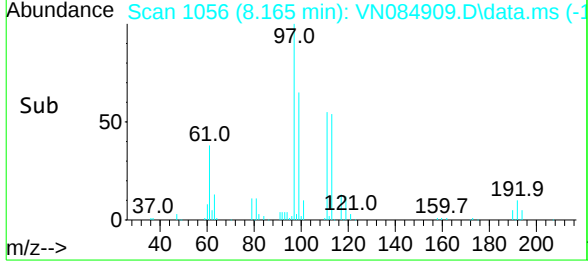
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	82872
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.3	124.9
192	17.8	13.5	20.3

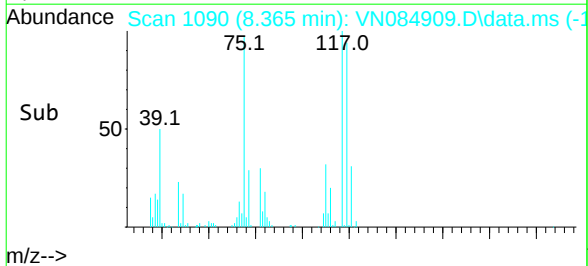
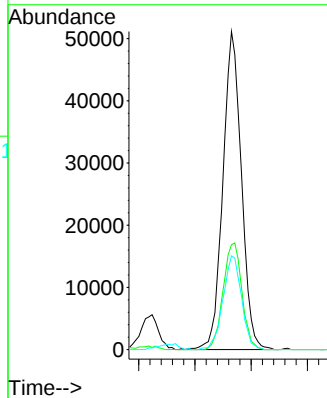
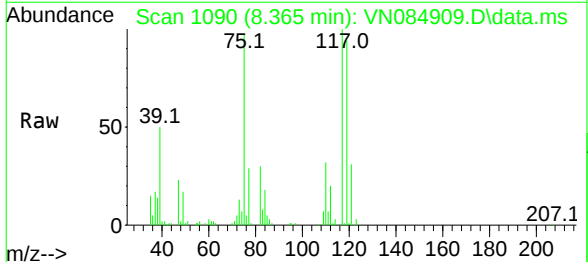
Manual Integrations
 APPROVED

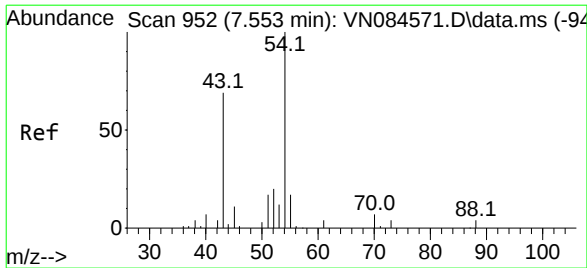
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#36
 1,1-Dichloropropene
 Concen: 51.522 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

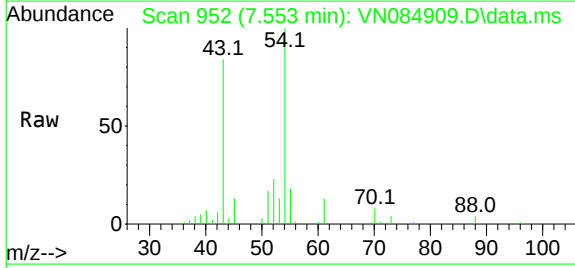
Tgt Ion:	75	Resp:	116832
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.7
77	29.5	24.7	37.1





#37
Ethyl Acetate
Concen: 53.251 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

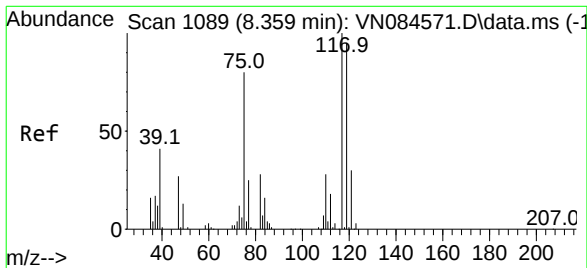
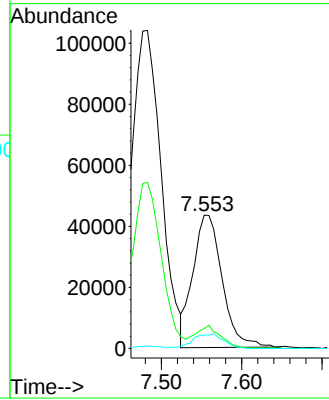
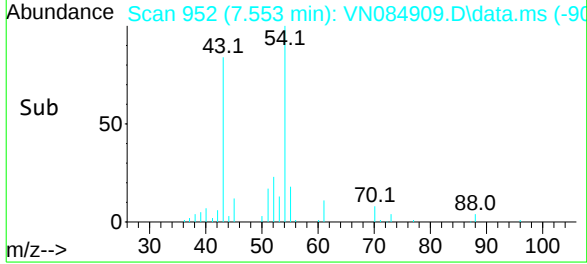
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



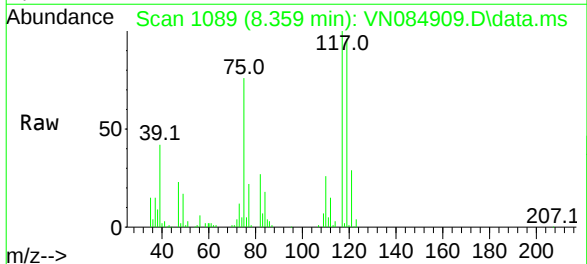
Tgt Ion: 43 Resp: 109558
Ion Ratio Lower Upper
43 100
61 15.3 10.7 16.1
70 11.5 8.8 13.2

Manual Integrations
APPROVED

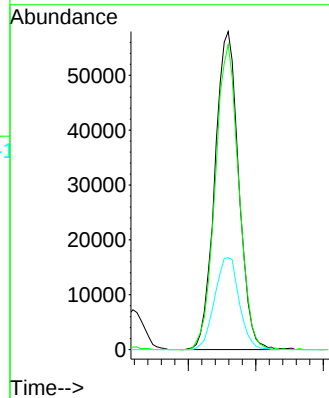
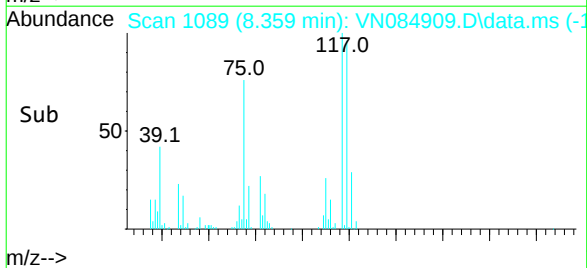
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

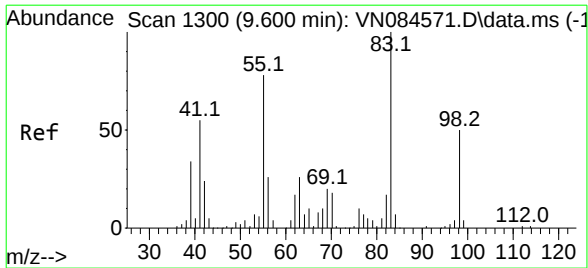


#38
Carbon Tetrachloride
Concen: 56.085 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49



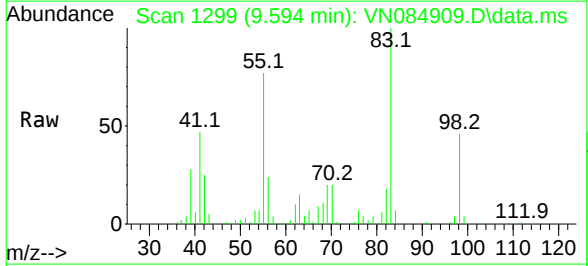
Tgt Ion:117 Resp: 142154
Ion Ratio Lower Upper
117 100
119 95.9 78.7 118.1
121 28.9 24.4 36.6





#39
Methylcyclohexane
Concen: 54.083 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

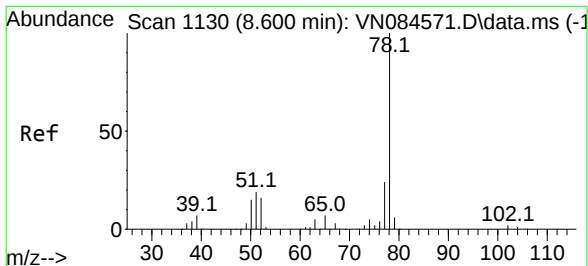
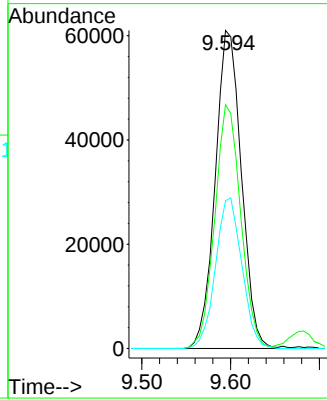
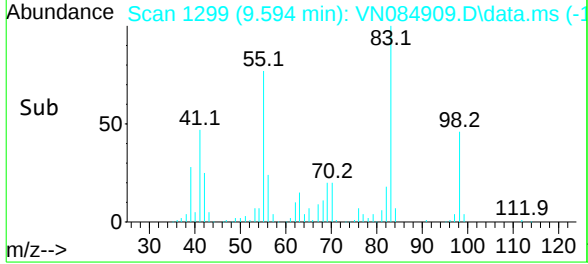
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 124764
Ion Ratio Lower Upper
83 100
55 76.7 62.8 94.2
98 46.5 38.8 58.2

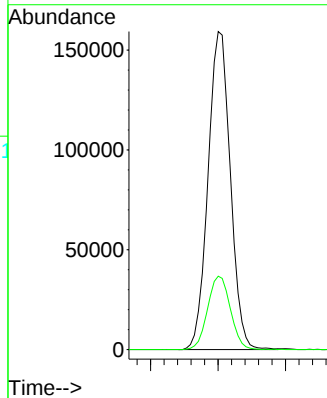
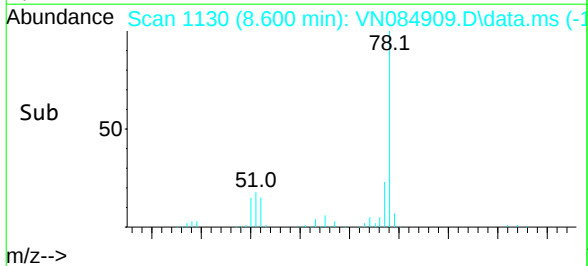
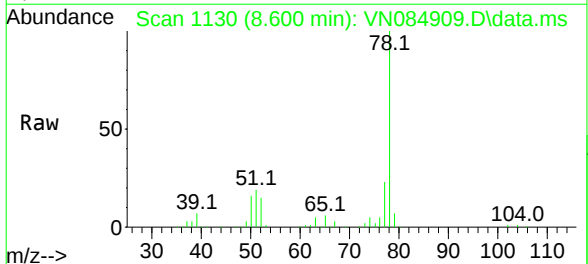
Manual Integrations
APPROVED

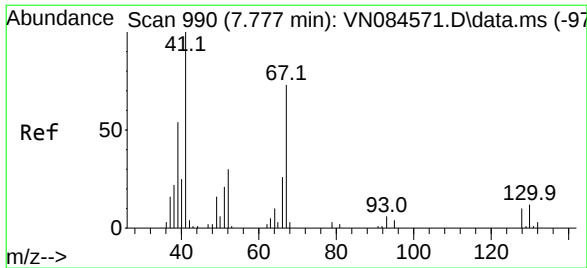
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#40
Benzene
Concen: 50.209 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 78 Resp: 365643
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





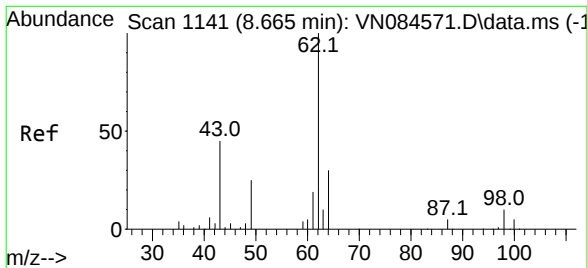
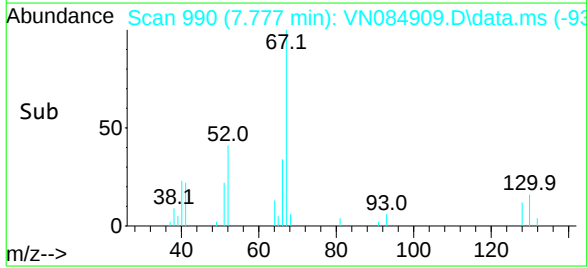
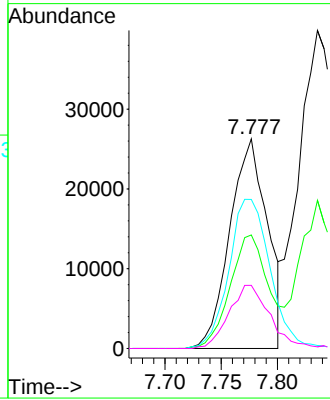
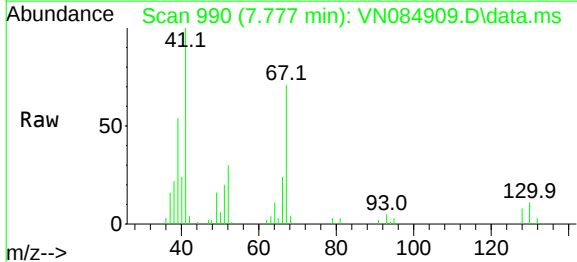
#41
Methacrylonitrile
Concen: 55.156 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	61024
Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.3	64.9
67	78.4	56.1	84.1
52	32.8	24.5	36.7

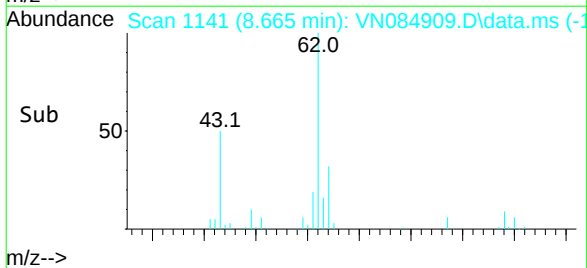
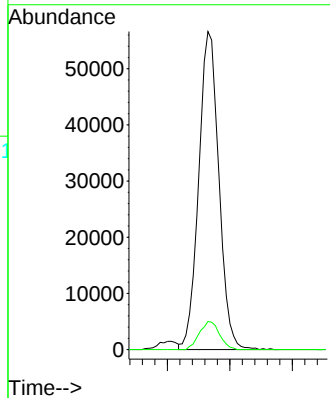
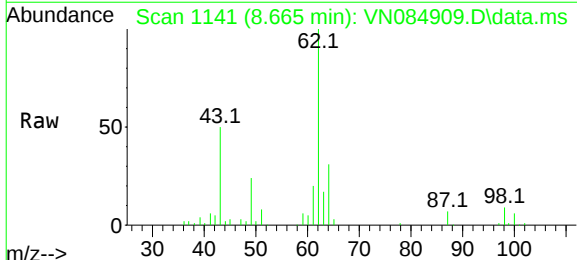
Manual Integrations
APPROVED

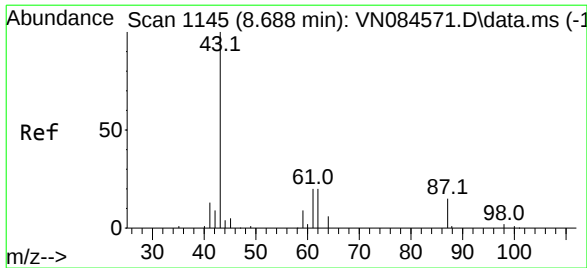
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
1,2-Dichloroethane
Concen: 53.841 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:	62	Resp:	126981
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





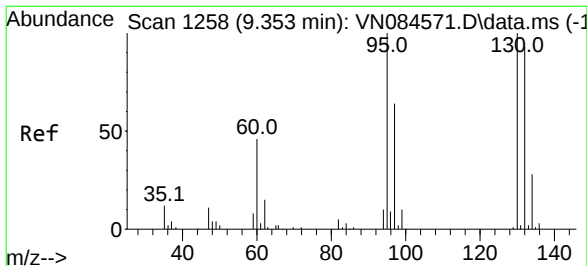
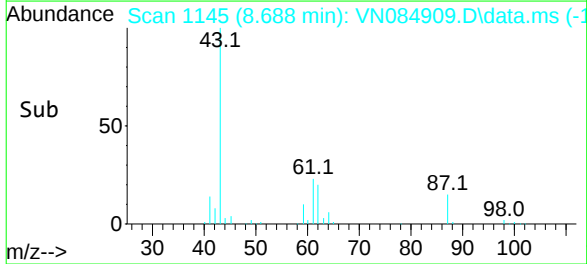
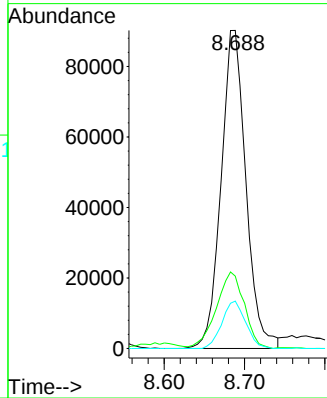
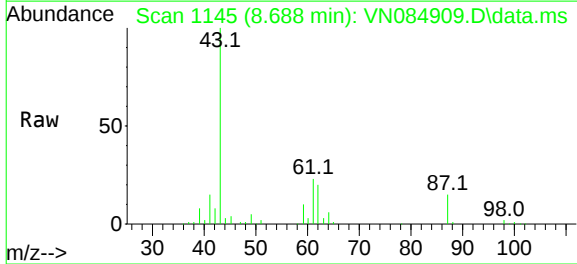
#43
Isopropyl Acetate
Concen: 51.109 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	194177
Ion	Ratio	Lower	Upper
43	100		
61	27.1	20.4	30.6
87	14.2	10.3	15.5

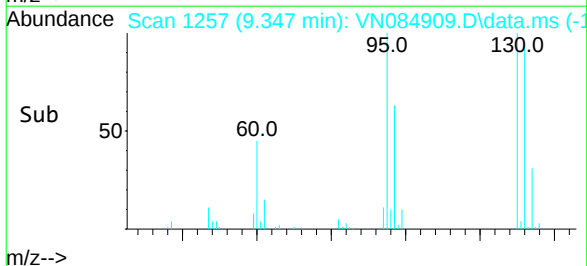
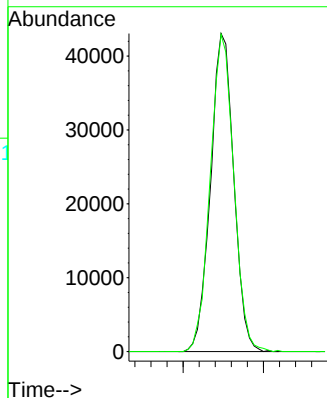
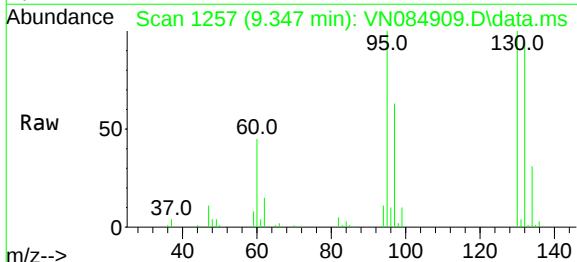
Manual Integrations
APPROVED

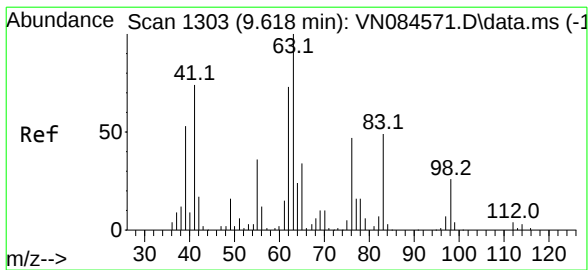
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#44
Trichloroethene
Concen: 51.483 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:	130	Resp:	86465
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	203.0





#45

1,2-Dichloropropane

Concen: 50.737 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 86675

Ion Ratio Lower Upper

63 100

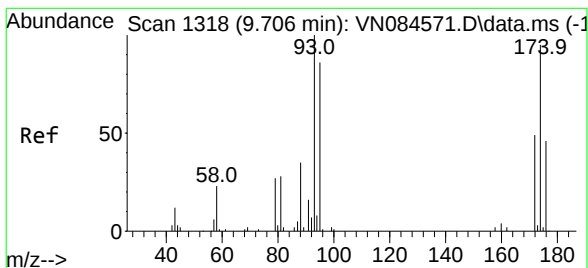
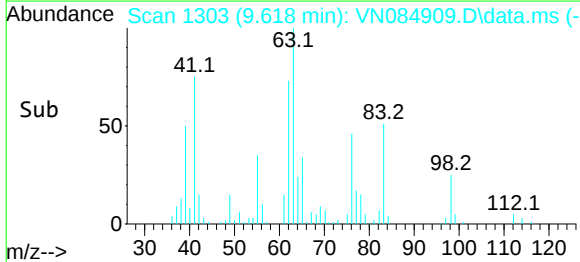
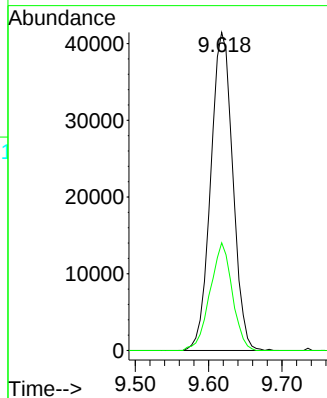
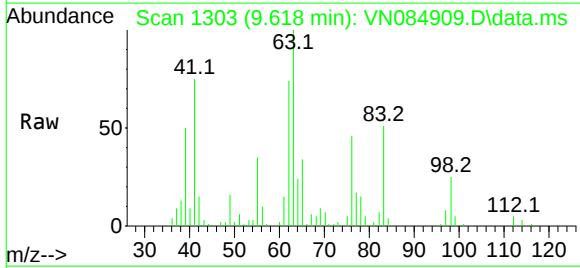
65 33.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#46

Dibromomethane

Concen: 52.466 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

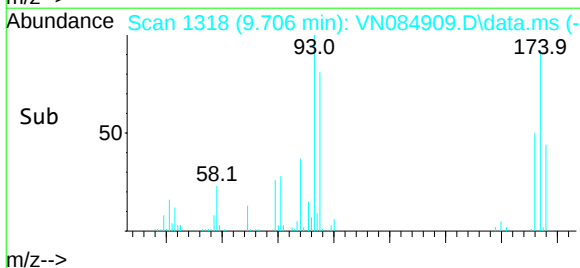
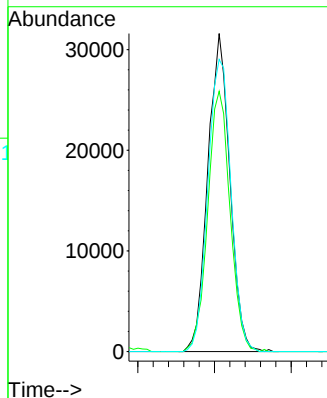
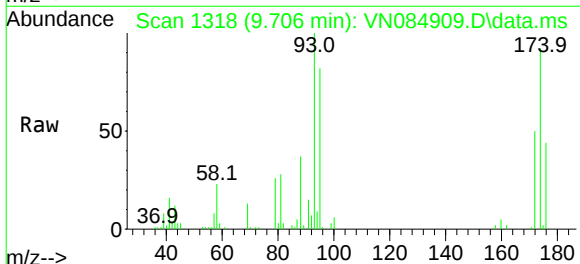
Tgt Ion: 93 Resp: 63245

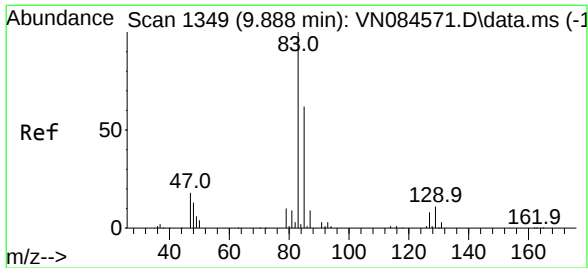
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.4

174 96.2 71.8 107.8





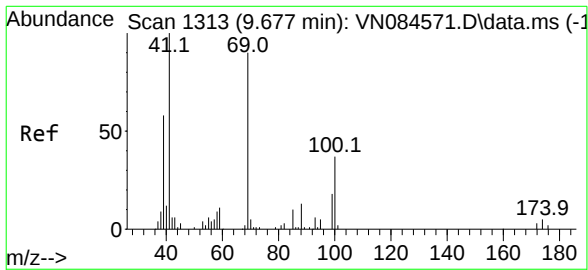
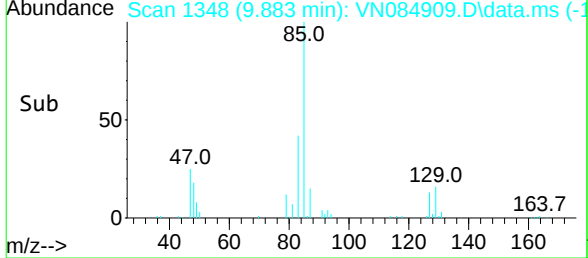
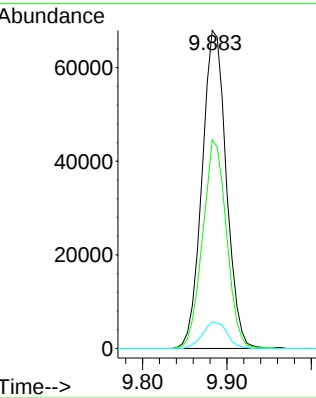
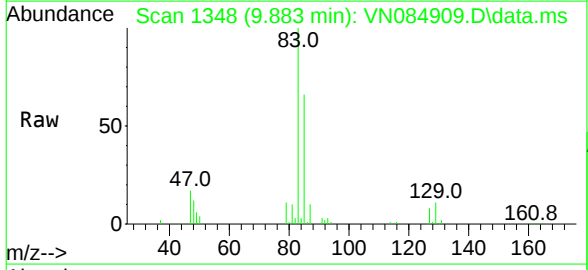
#47
 Bromodichloromethane
 Concen: 53.353 ug/l
 RT: 9.883 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	83	Resp:	135570
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3
127	8.4	5.7	8.5

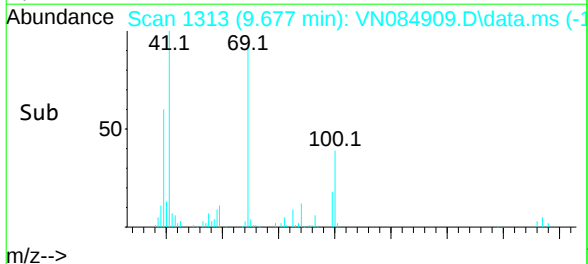
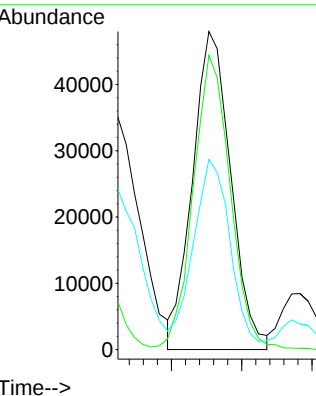
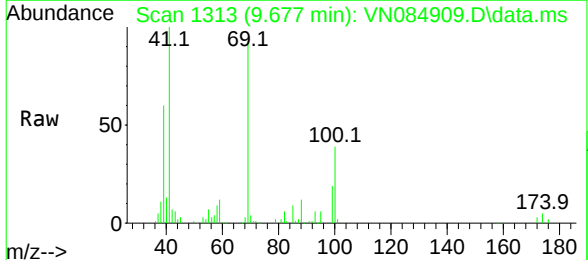
Manual Integrations
 APPROVED

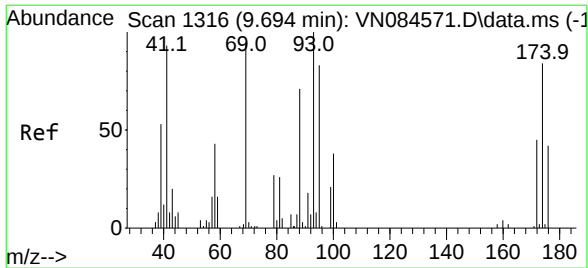
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#48
 Methyl methacrylate
 Concen: 56.590 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084909.D
 Acq: 17 Nov 2024 20:49

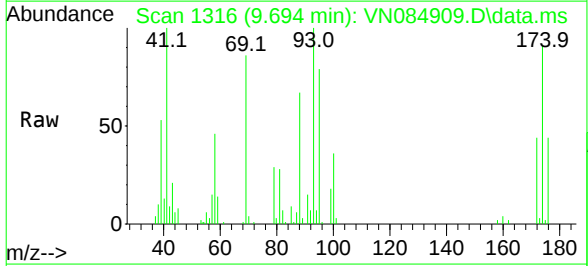
Tgt Ion:	41	Resp:	90613
Ion	Ratio	Lower	Upper
41	100		
69	89.7	67.1	100.7
39	57.9	45.8	68.6





#49
1,4-Dioxane
Concen: 1194.662 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

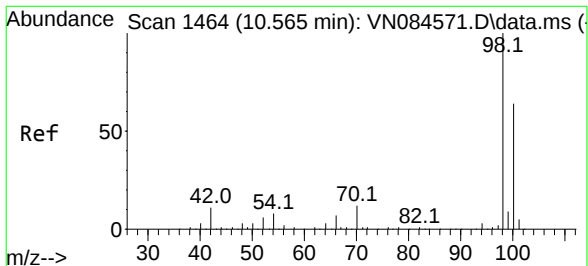
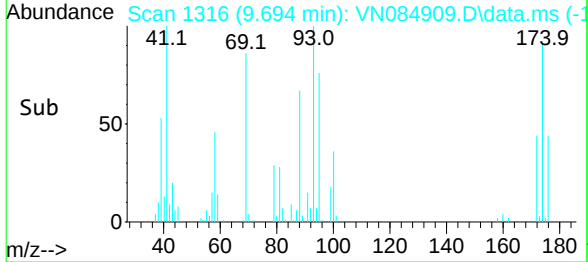
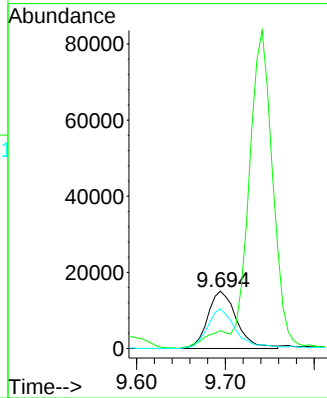
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33898
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 69.7 56.4 84.6

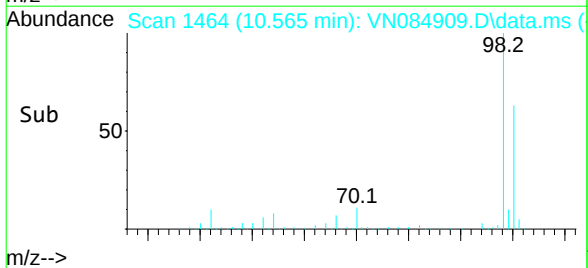
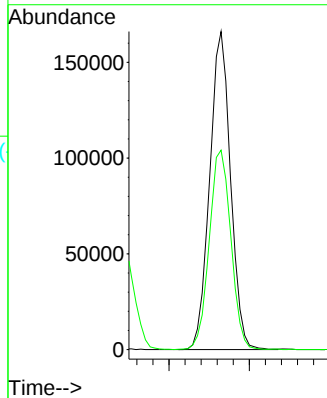
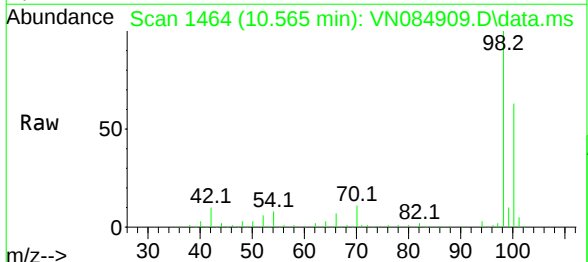
Manual Integrations
APPROVED

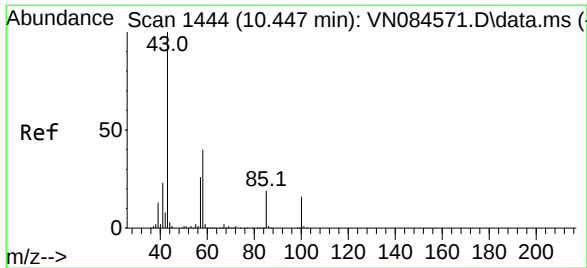
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#50
Toluene-d8
Concen: 49.663 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

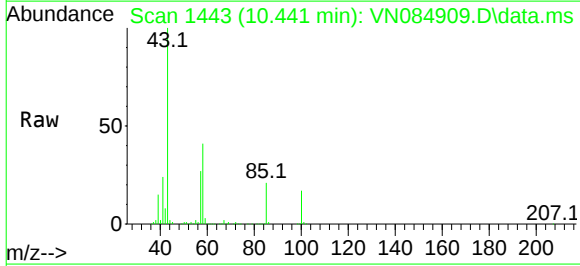
Tgt Ion: 98 Resp: 299123
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 286.520 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

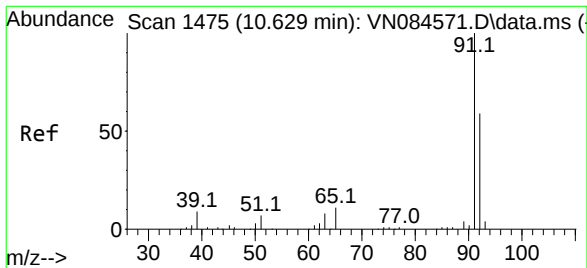
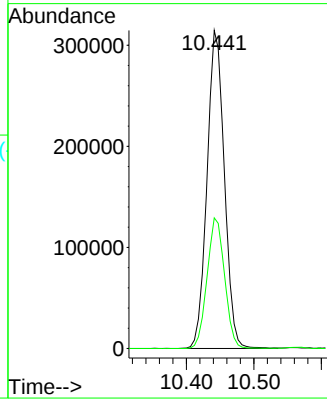
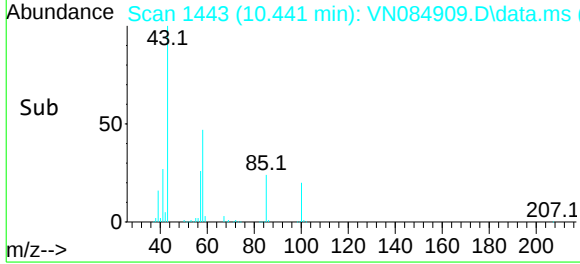
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 561957
Ion Ratio Lower Upper
43 100
58 41.5 31.6 47.4

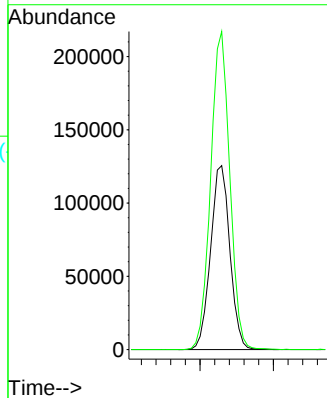
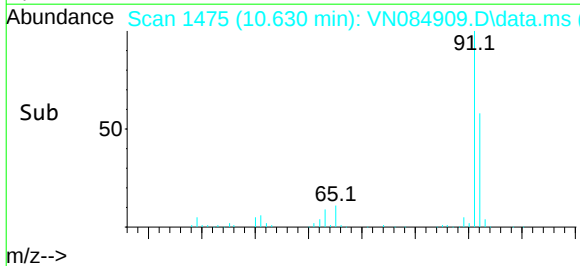
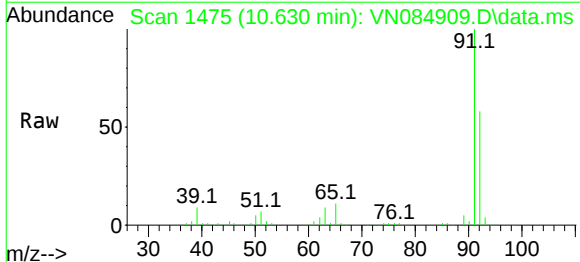
Manual Integrations
APPROVED

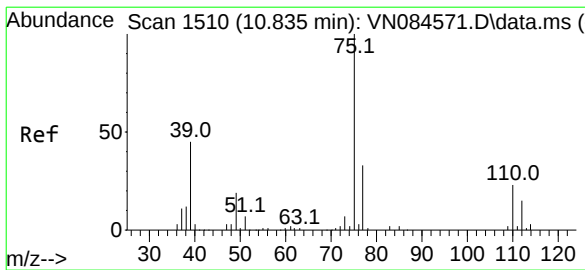
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
Toluene
Concen: 53.949 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

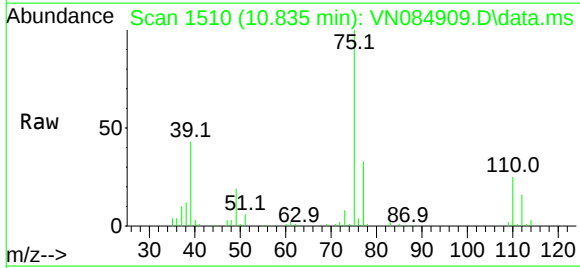
Tgt Ion: 92 Resp: 229773
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 51.239 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

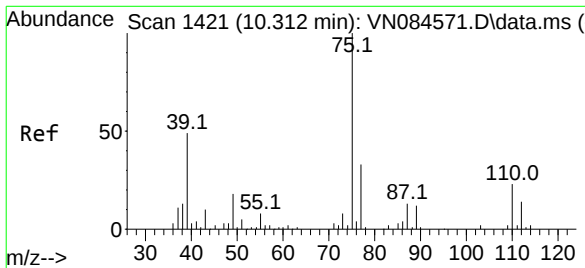
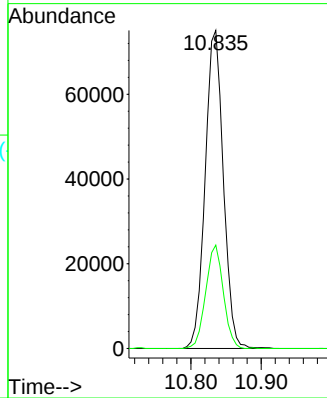
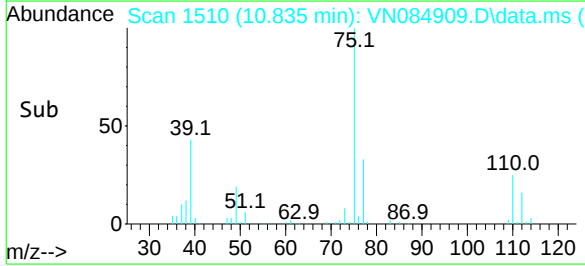
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



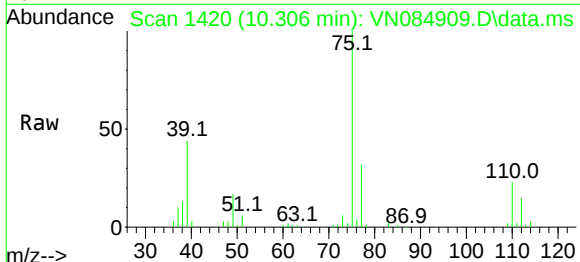
Tgt Ion: 75 Resp: 134769
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

Manual Integrations
APPROVED

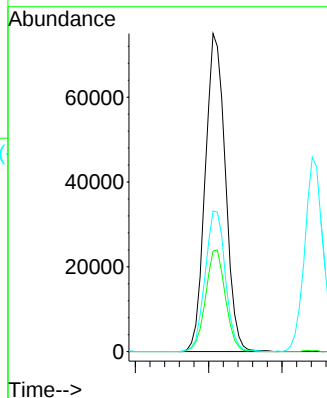
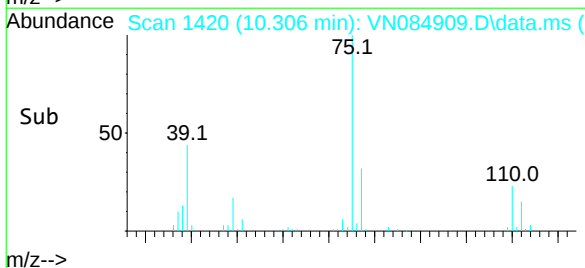
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

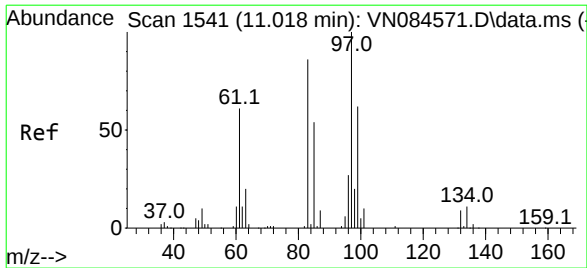


#54
cis-1,3-Dichloropropene
Concen: 51.361 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49



Tgt Ion: 75 Resp: 142978
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
39 44.2 38.7 58.1





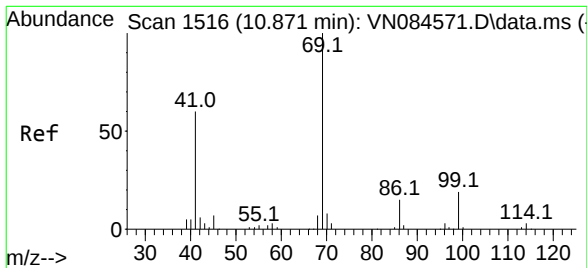
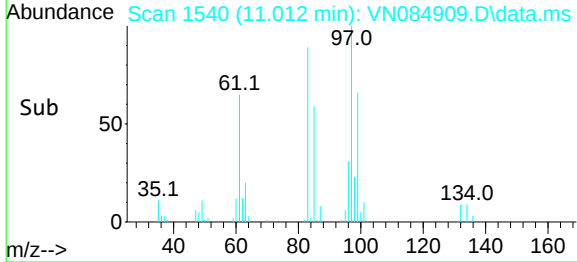
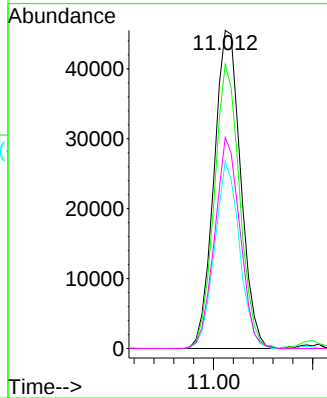
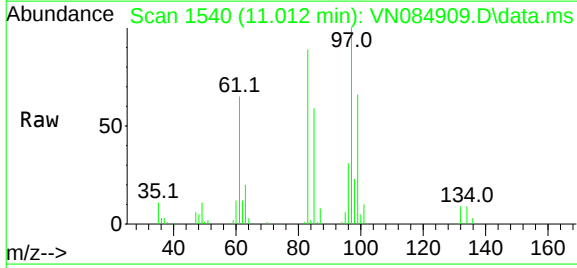
#55
1,1,2-Trichloroethane
Concen: 53.007 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	85041
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.0	106.4
85	58.9	41.7	62.5
99	66.3	50.1	75.1

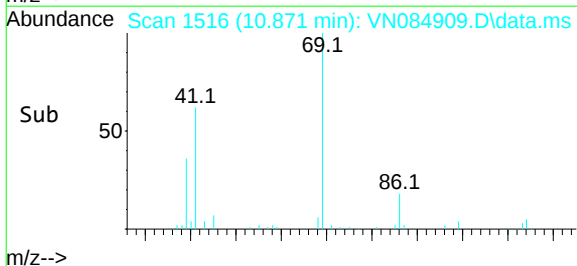
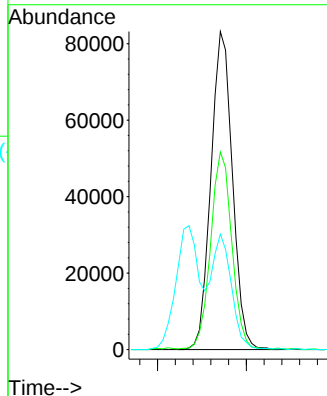
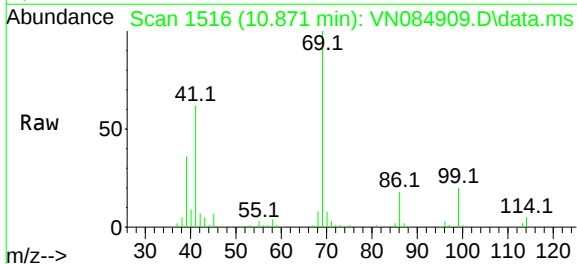
Manual Integrations
APPROVED

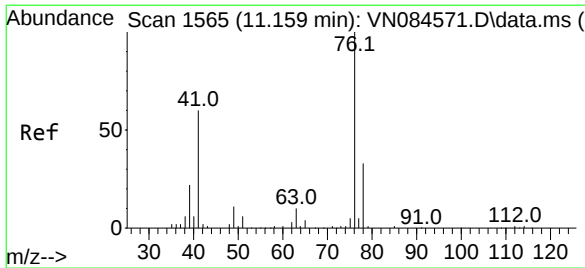
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#56
Ethyl methacrylate
Concen: 60.328 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:	69	Resp:	139998
Ion	Ratio	Lower	Upper
69	100		
41	60.7	53.3	79.9
39	33.7	28.8	43.2





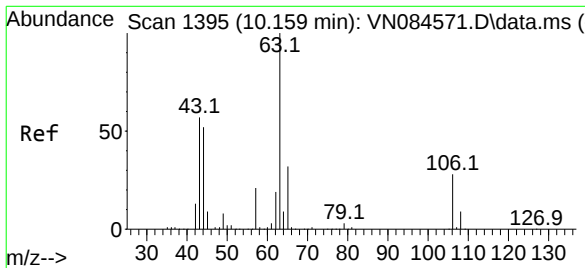
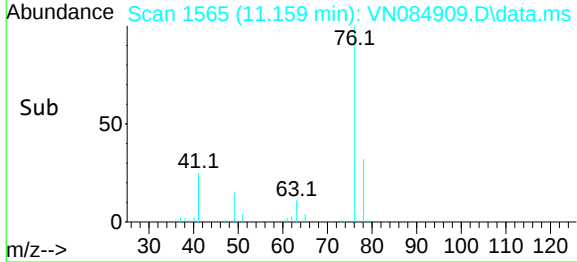
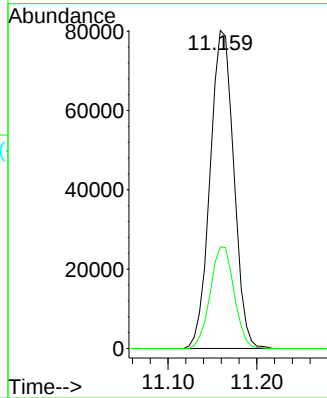
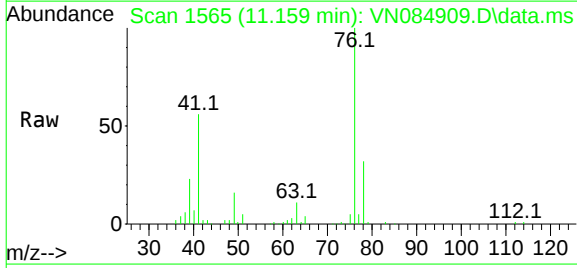
#57
1,3-Dichloropropane
Concen: 54.049 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 148819
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

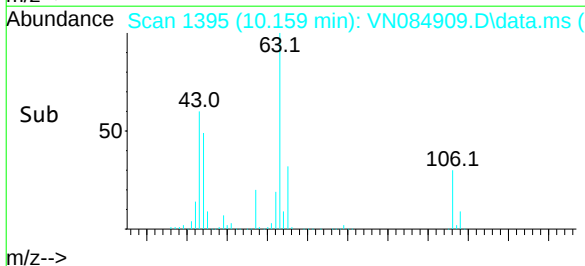
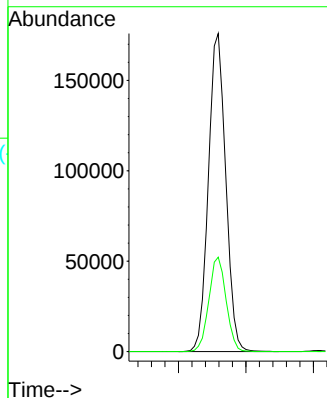
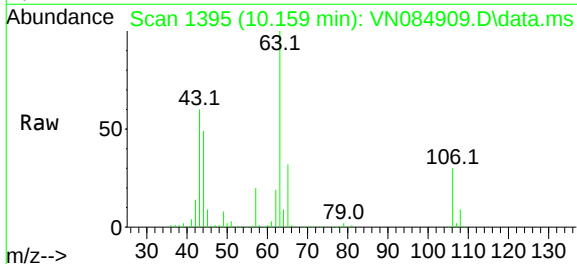
Manual Integrations
APPROVED

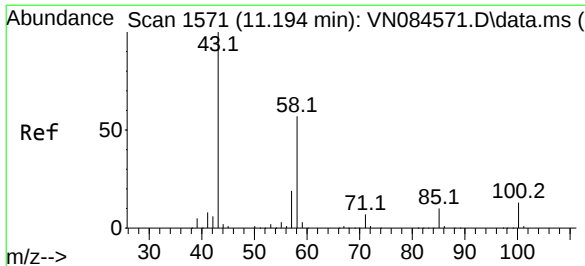
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 288.918 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 63 Resp: 313736
Ion Ratio Lower Upper
63 100
106 29.6 21.8 32.6





#59

2-Hexanone

Concen: 291.095 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 415570

Ion Ratio Lower Upper

43 100

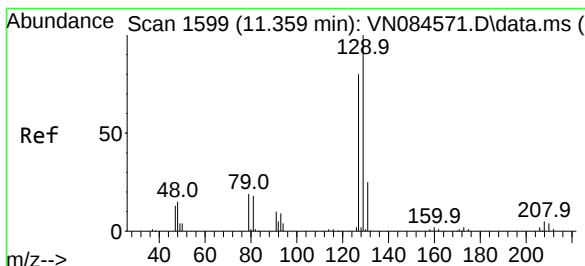
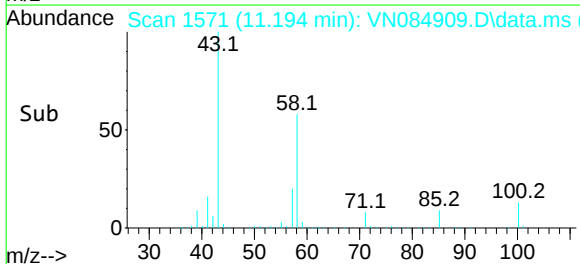
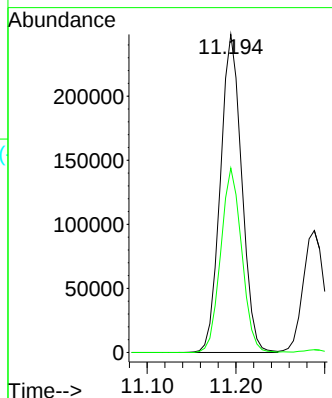
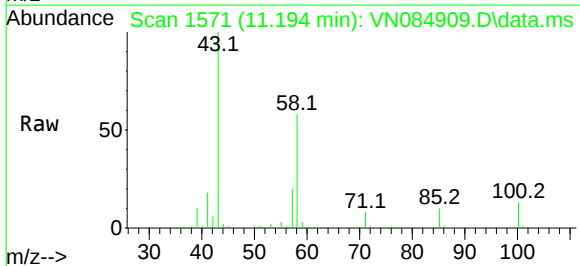
58 57.1 27.3 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#60

Dibromochloromethane

Concen: 56.853 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084909.D

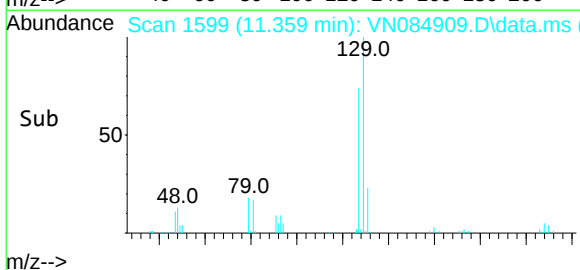
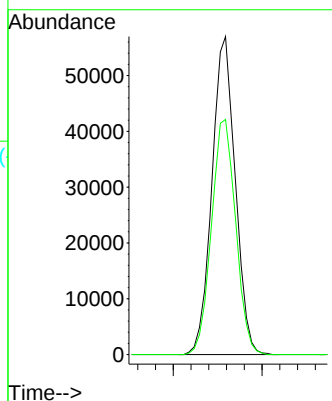
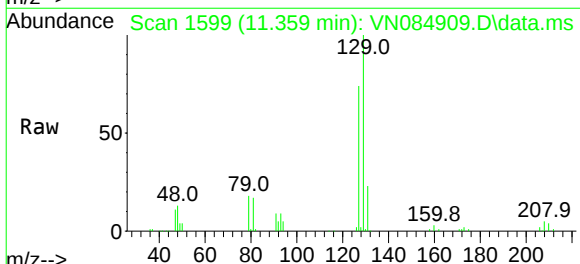
Acq: 17 Nov 2024 20:49

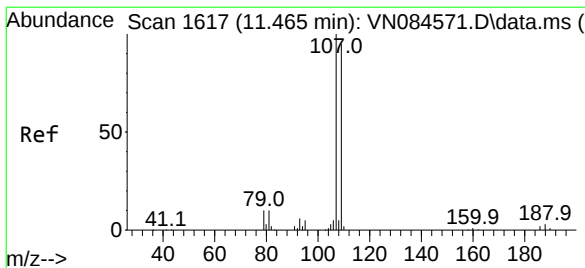
Tgt Ion:129 Resp: 103955

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.9





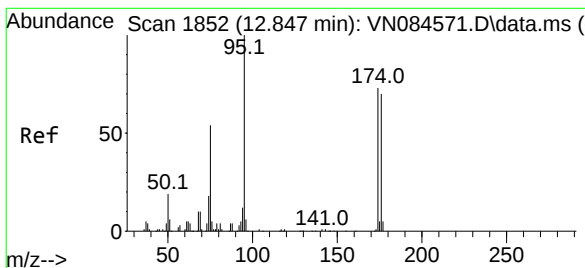
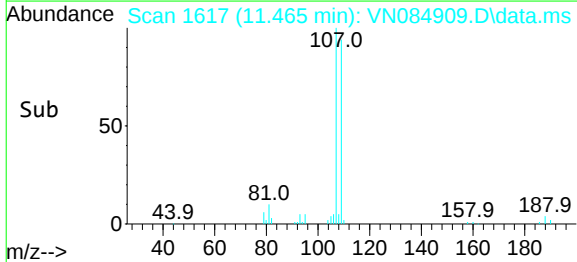
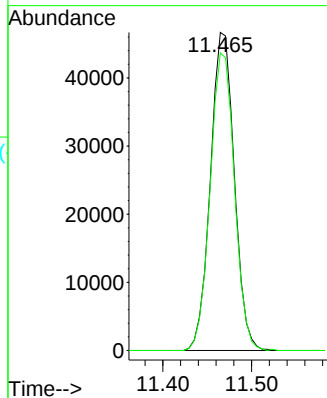
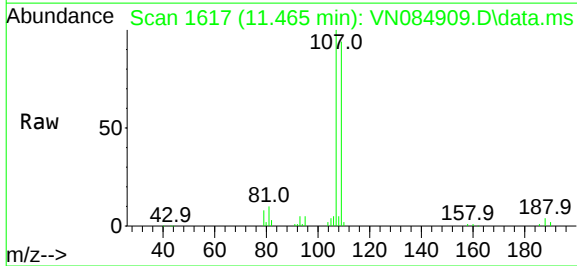
#61
1,2-Dibromoethane
Concen: 53.096 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 87232
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.0

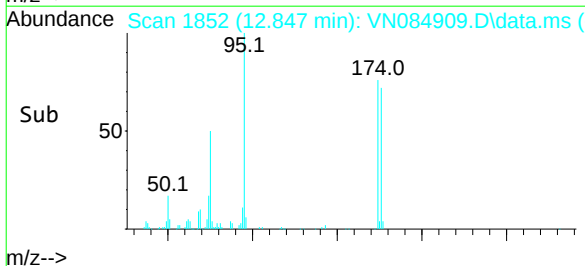
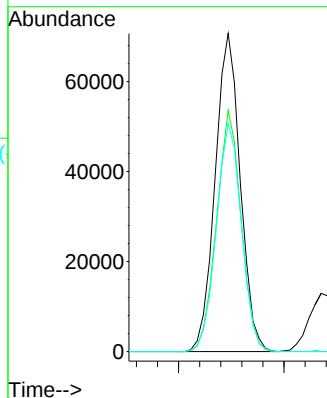
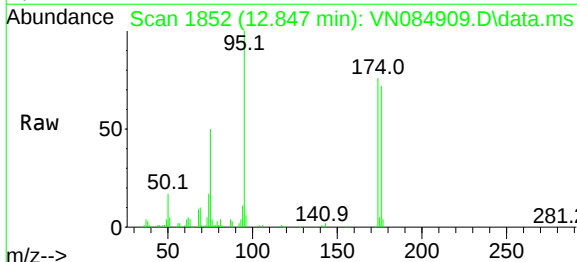
Manual Integrations
APPROVED

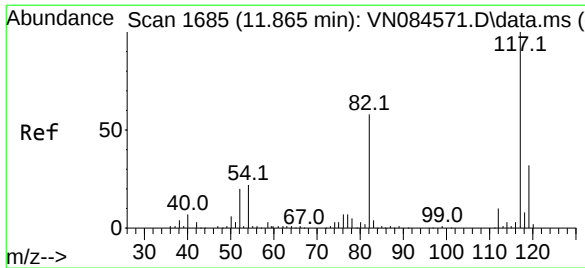
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
4-Bromofluorobenzene
Concen: 51.936 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 95 Resp: 116907
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.7 0.0 140.0





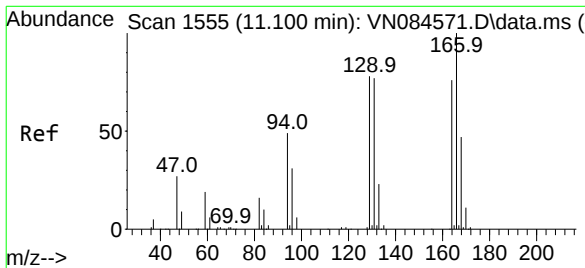
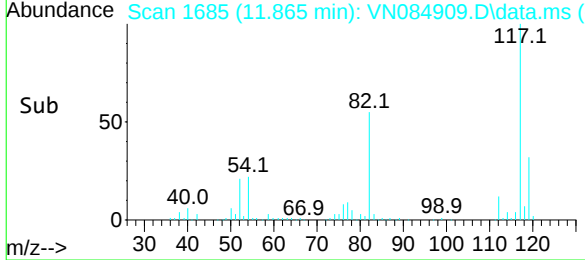
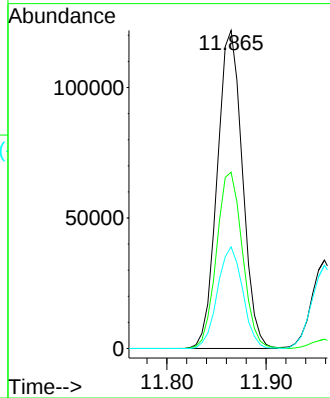
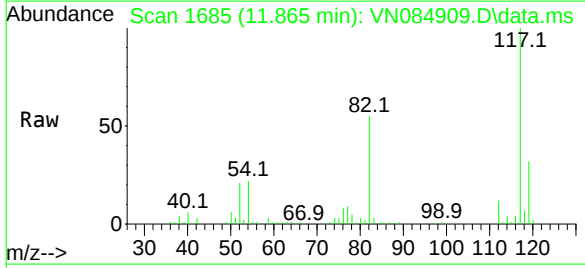
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 215240
Ion Ratio Lower Upper
117 100
82 55.4 47.2 70.8
119 32.0 25.4 38.0

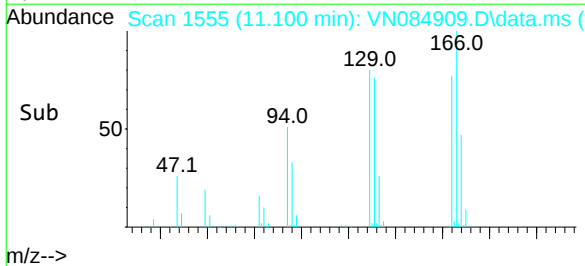
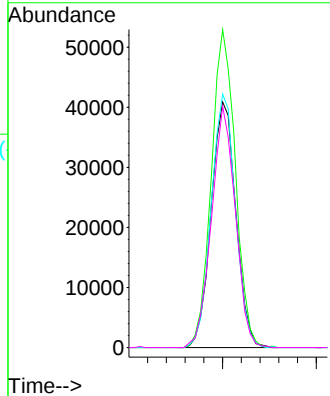
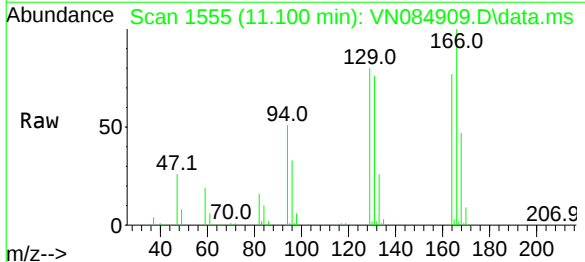
Manual Integrations
APPROVED

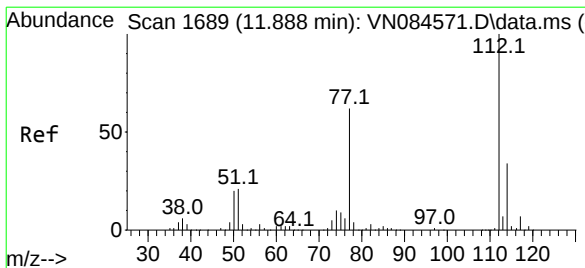
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Tetrachloroethene
Concen: 52.253 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:164 Resp: 74811
Ion Ratio Lower Upper
164 100
166 129.5 101.0 151.4
129 103.2 80.8 121.2
131 98.3 78.1 117.1





#65

Chlorobenzene

Concen: 51.181 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 246450

Ion Ratio Lower Upper

112 100

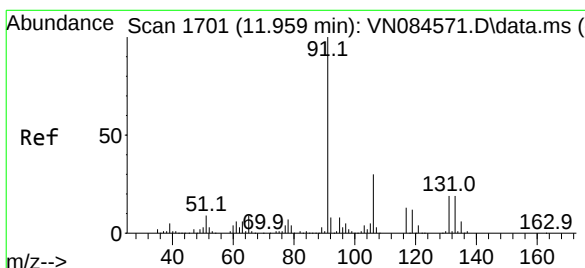
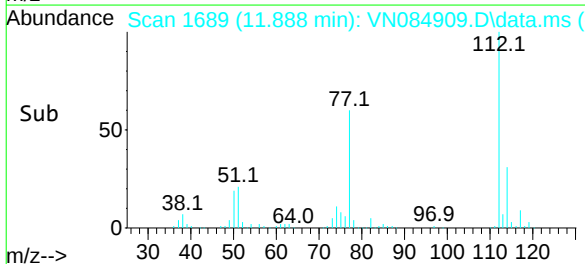
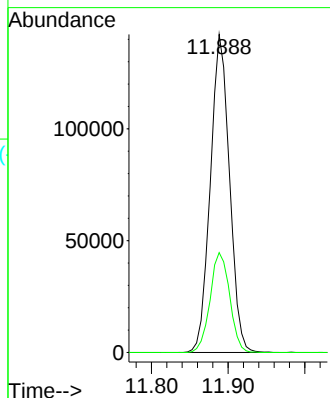
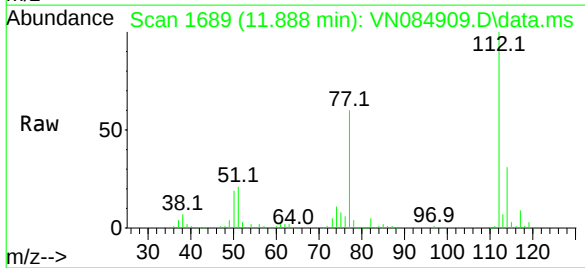
114 31.4 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.427 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

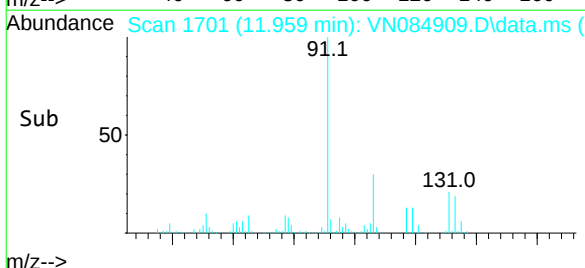
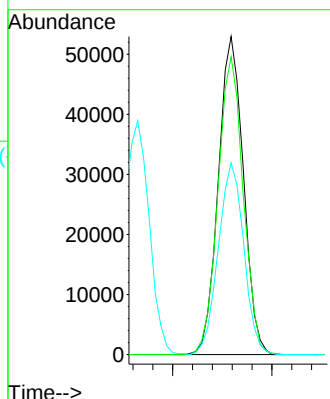
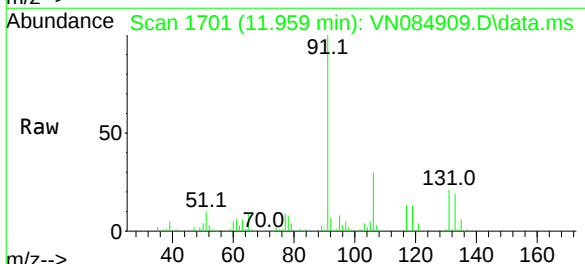
Tgt Ion:131 Resp: 92836

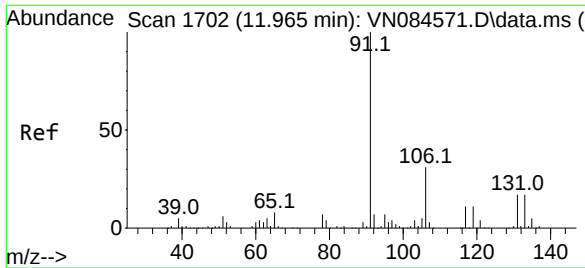
Ion Ratio Lower Upper

131 100

133 94.2 47.9 143.7

119 61.4 32.8 98.3





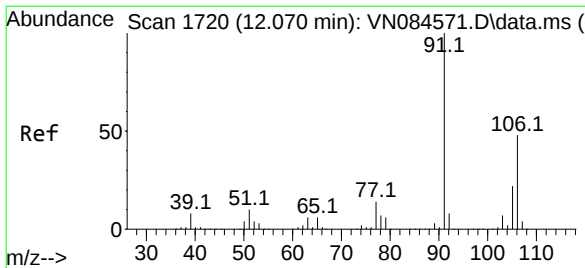
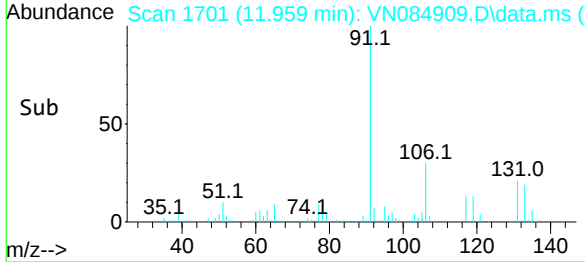
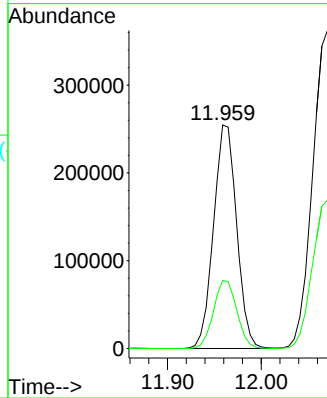
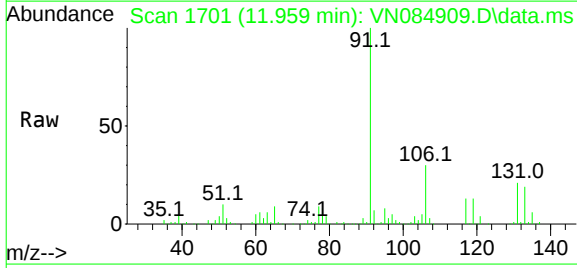
#67
Ethyl Benzene
Concen: 54.275 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 436251
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

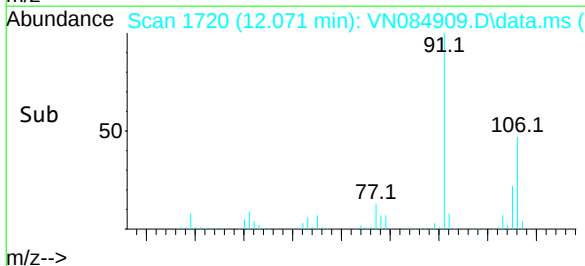
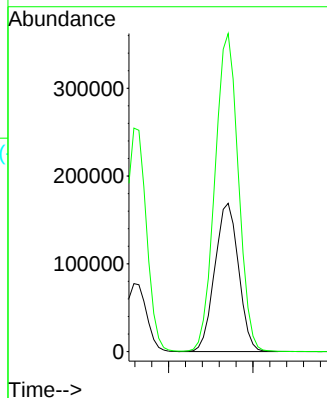
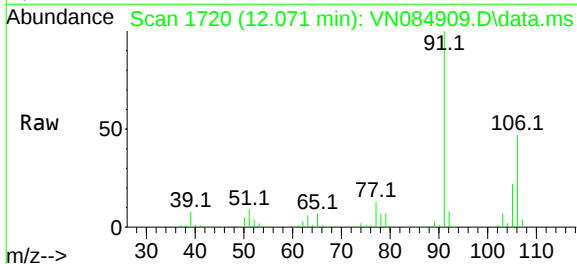
Manual Integrations
APPROVED

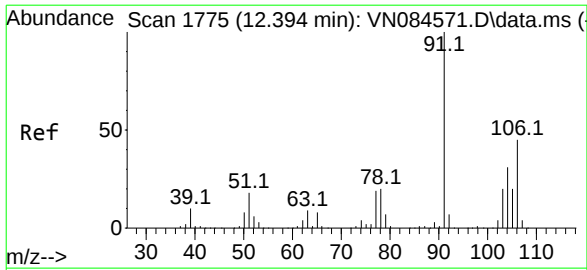
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
m/p-Xylenes
Concen: 108.888 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:106 Resp: 331346
Ion Ratio Lower Upper
106 100
91 211.3 167.1 250.7





#69

o-Xylene

Concen: 55.918 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 159179

Ion Ratio Lower Upper

106 100

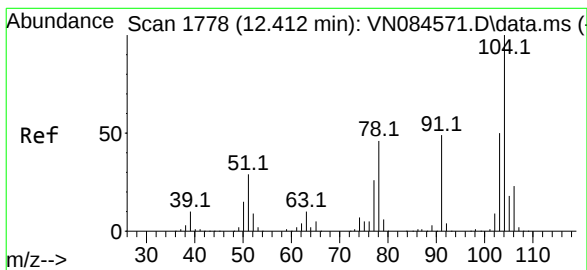
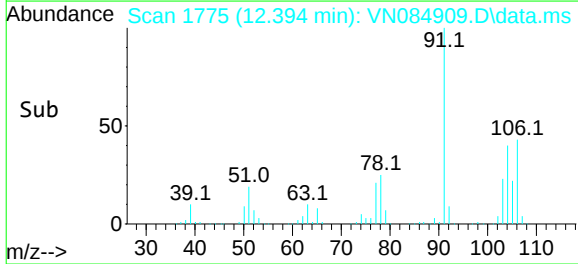
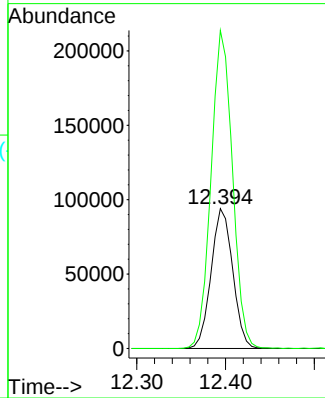
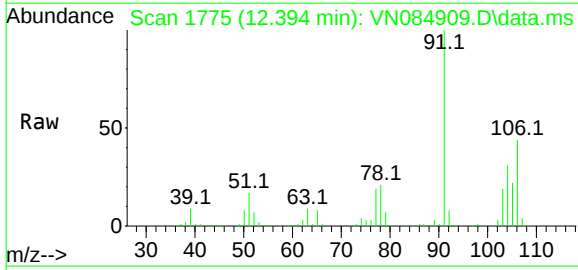
91 225.2 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#70

Styrene

Concen: 55.985 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

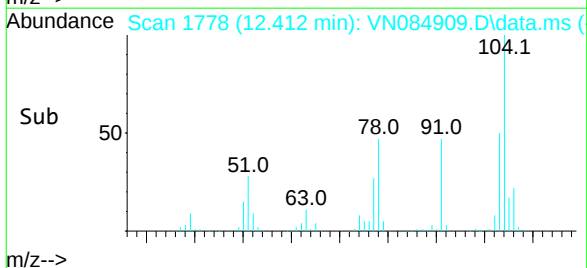
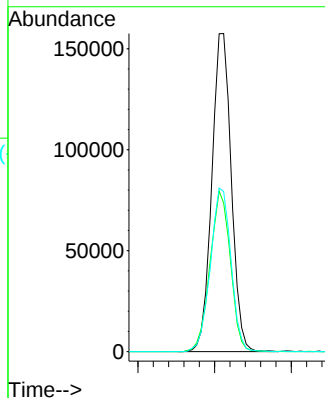
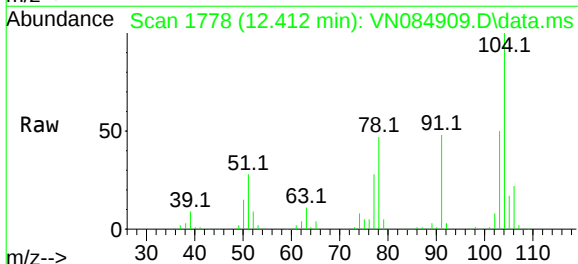
Tgt Ion:104 Resp: 278012

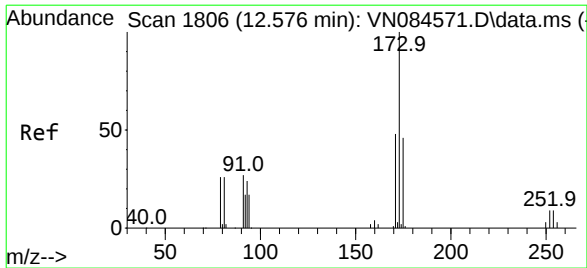
Ion Ratio Lower Upper

104 100

78 52.6 42.7 64.1

103 54.2 43.6 65.4





#71

Bromoform

Concen: 55.203 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

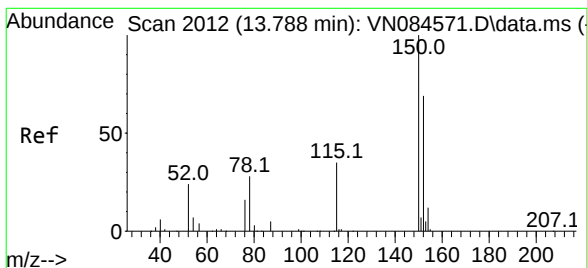
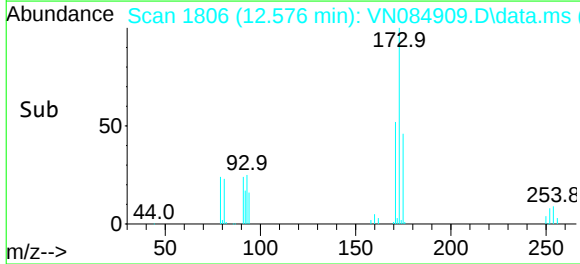
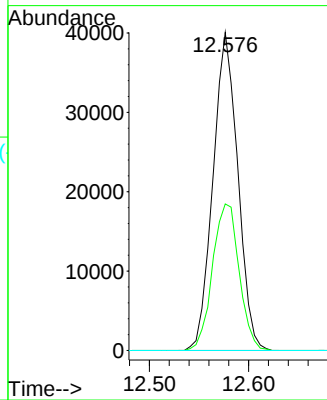
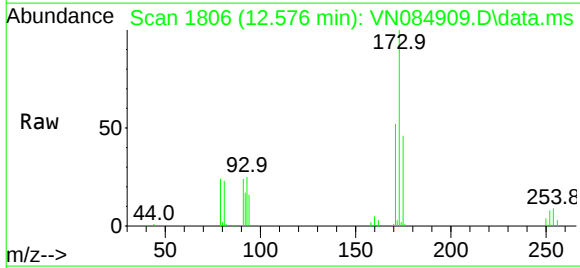
Tgt Ion:	173	Resp:	69573
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

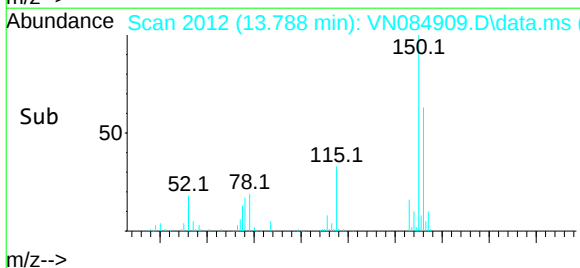
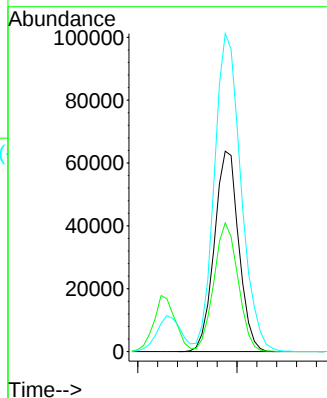
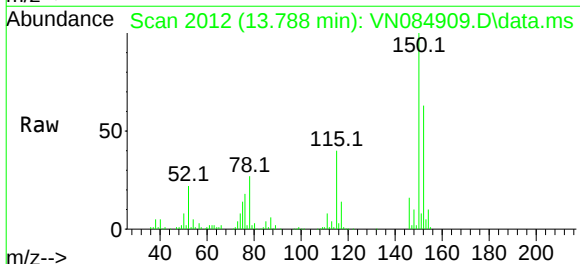
RT: 13.788 min Scan# 2012

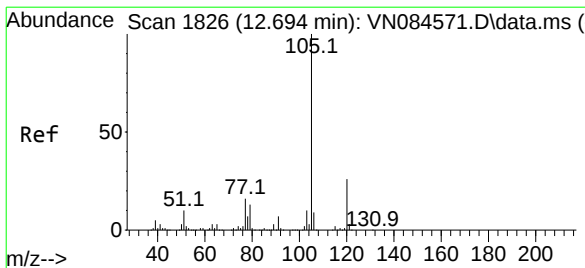
Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion:	152	Resp:	109038
Ion Ratio	Lower	Upper	
152	100		
115	63.4	31.3	93.9
150	173.3	0.0	349.8





#73

Isopropylbenzene

Concen: 54.153 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 413792

Ion Ratio Lower Upper

105 100

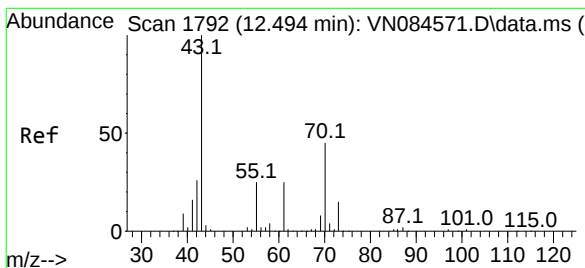
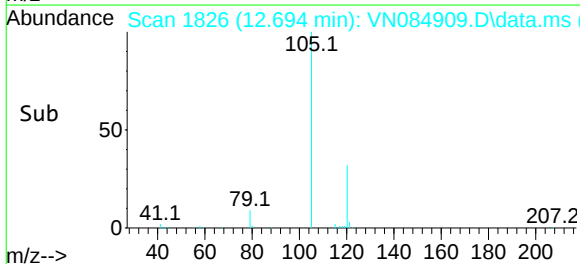
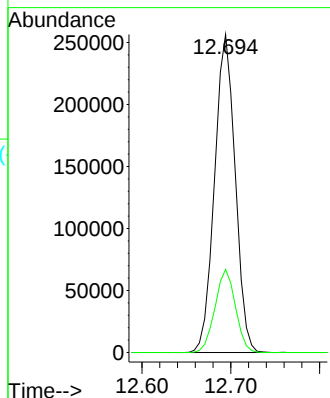
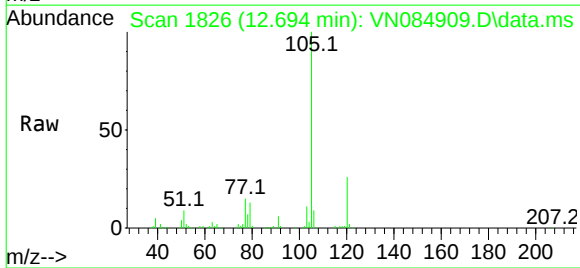
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#74

N-ethyl acetate

Concen: 52.810 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion: 43 Resp: 171747

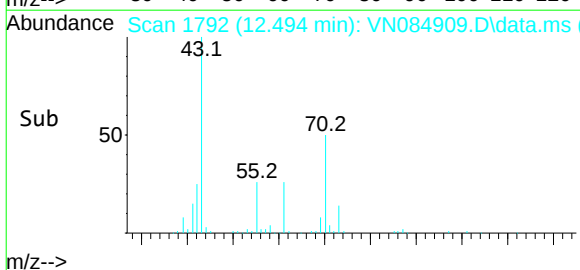
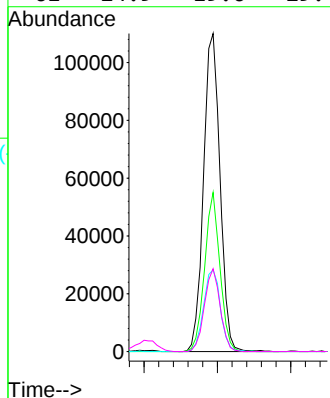
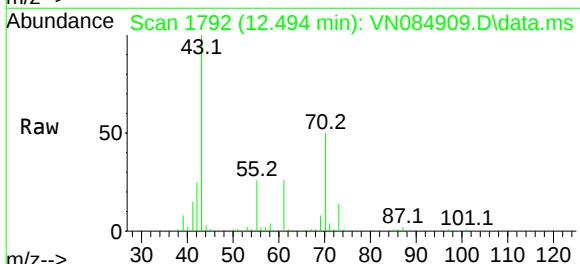
Ion Ratio Lower Upper

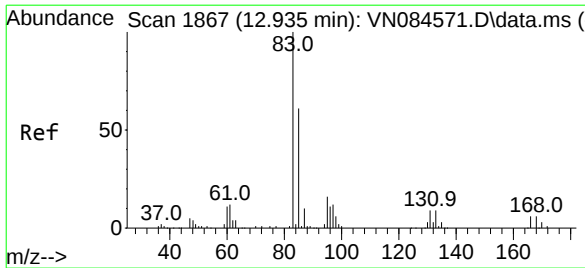
43 100

70 46.3 34.4 51.6

55 26.2 19.6 29.4

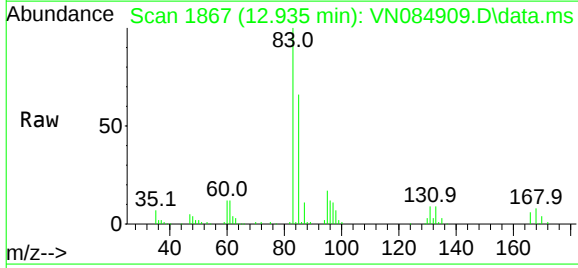
61 24.9 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.773 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

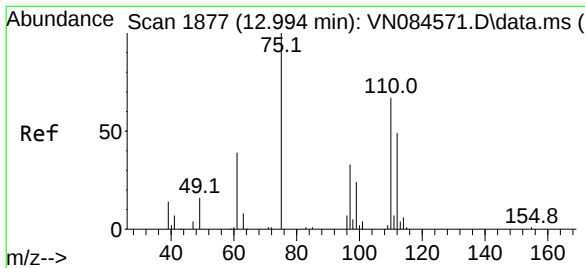
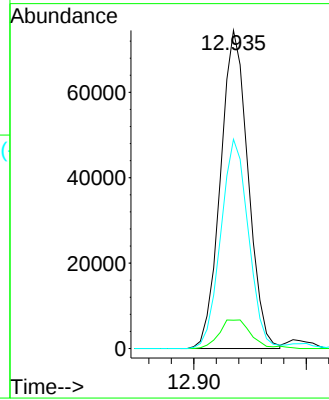
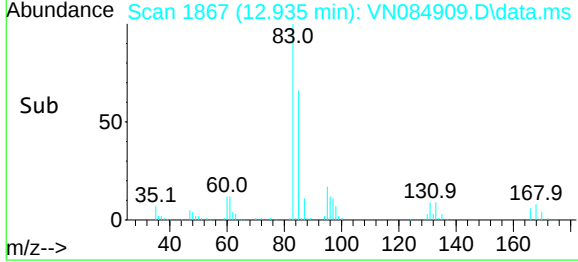
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126946
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 65.9 31.9 95.7

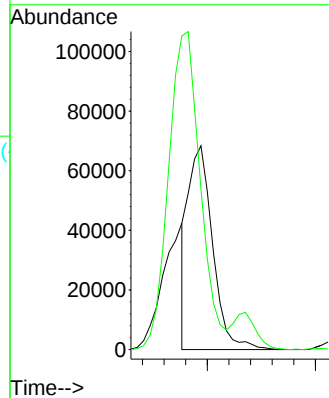
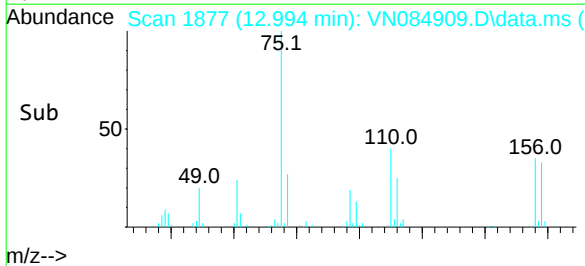
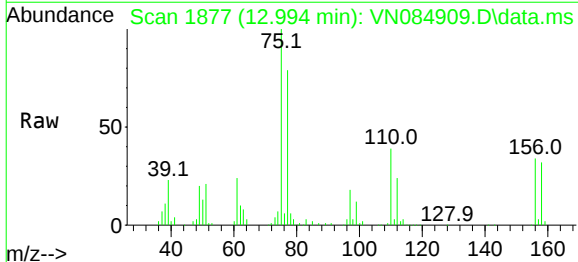
Manual Integrations
APPROVED

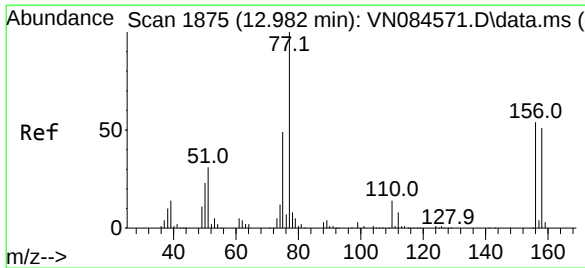
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#76
1,2,3-Trichloropropane
Concen: 49.238 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

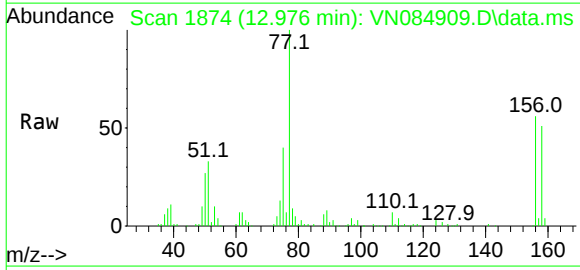
Tgt Ion: 75 Resp: 107321
Ion Ratio Lower Upper
75 100
77 202.7 96.9 290.7





#77
Bromobenzene
Concen: 50.015 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

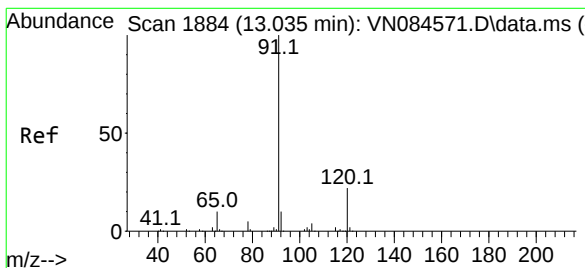
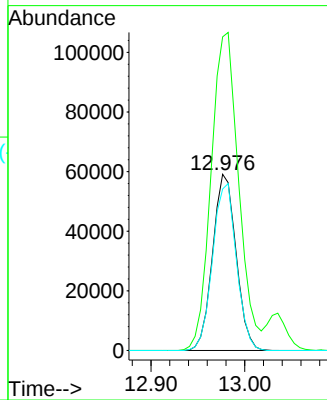
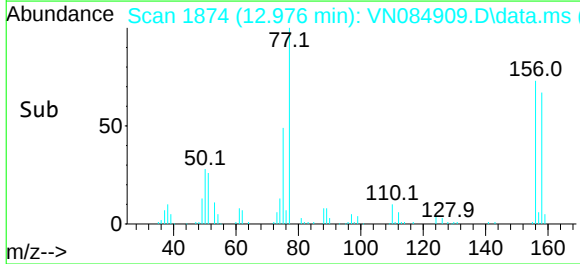
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 102740
Ion Ratio Lower Upper
156 100
77 211.7 115.1 345.3
158 96.1 48.9 146.8

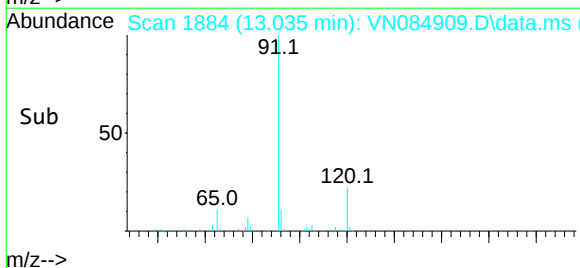
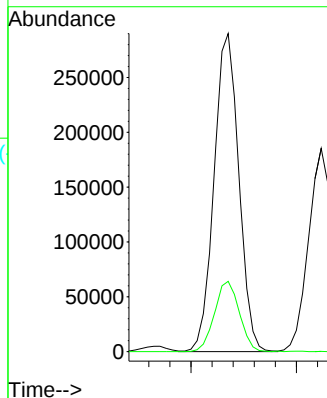
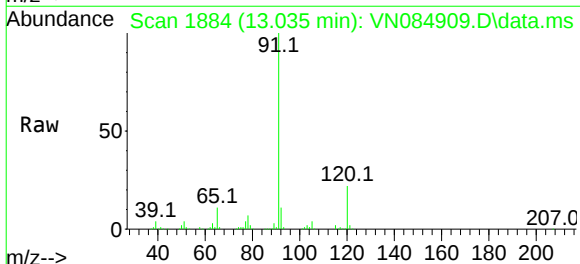
Manual Integrations
APPROVED

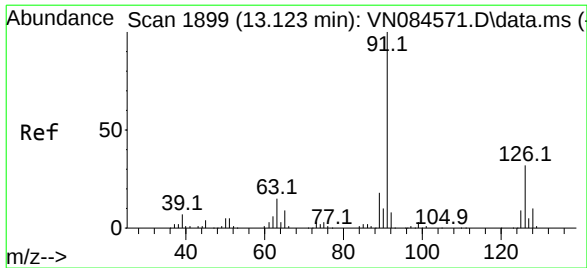
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
n-propylbenzene
Concen: 52.824 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 91 Resp: 472992
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





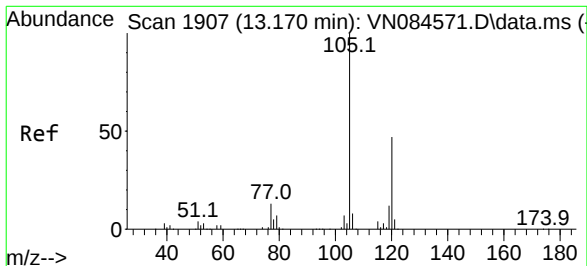
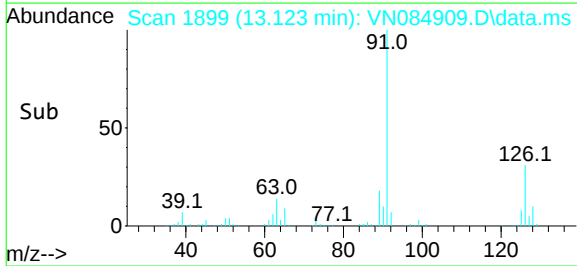
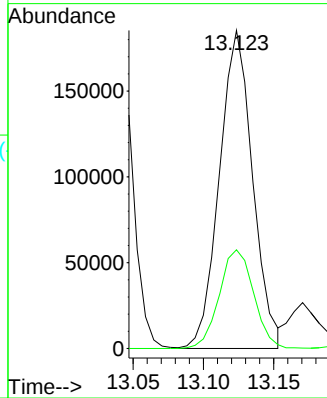
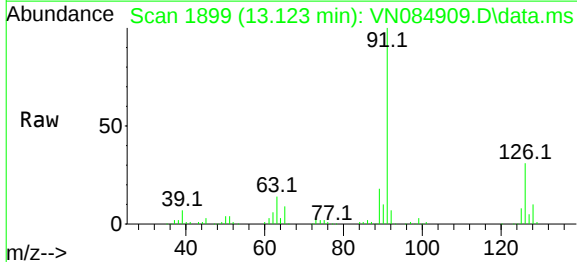
#79
2-Chlorotoluene
Concen: 52.058 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 304575
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1

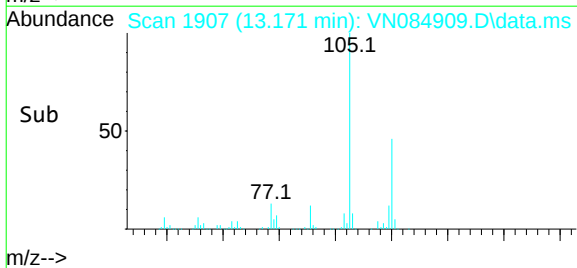
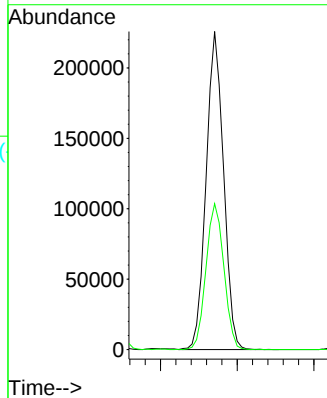
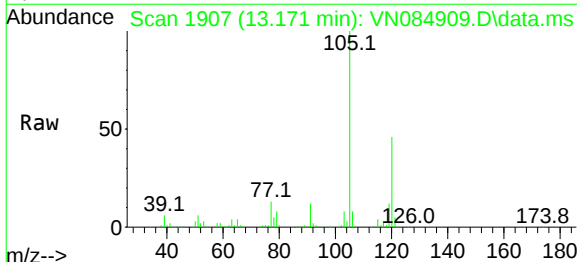
Manual Integrations
APPROVED

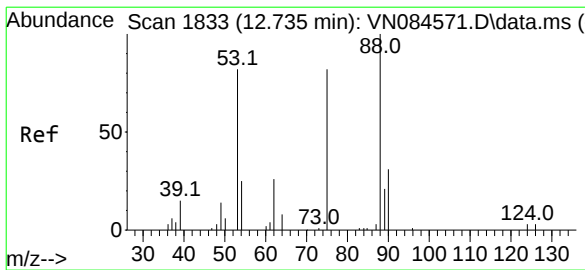
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.263 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:105 Resp: 356319
Ion Ratio Lower Upper
105 100
120 47.2 23.7 71.1





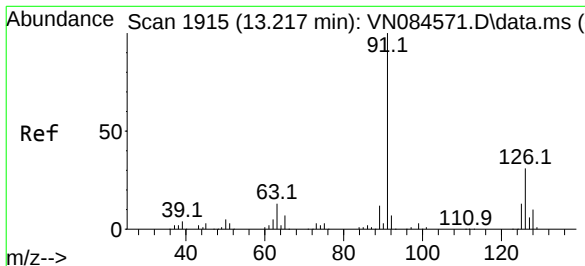
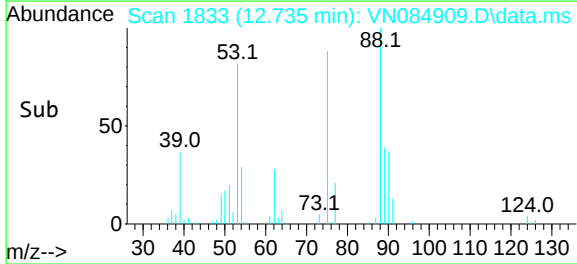
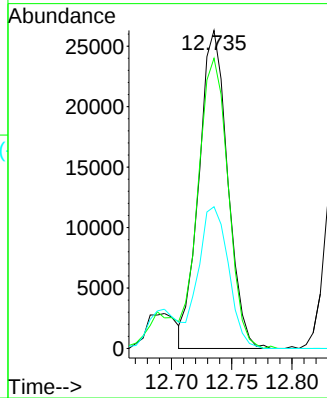
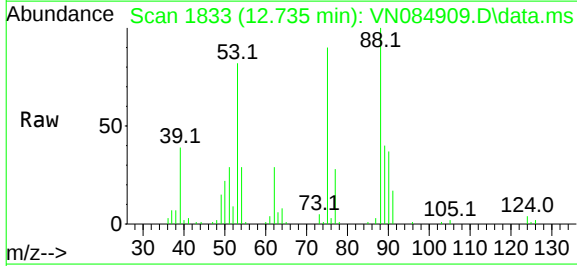
#81
trans-1,4-Dichloro-2-butene
Concen: 47.407 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43555
Ion Ratio Lower Upper
75 100
53 95.3 78.0 117.0
89 46.0 35.5 53.3

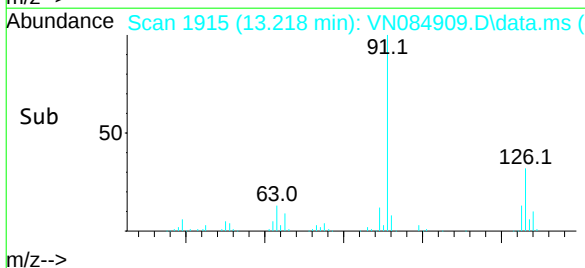
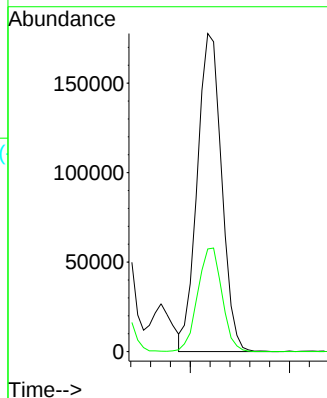
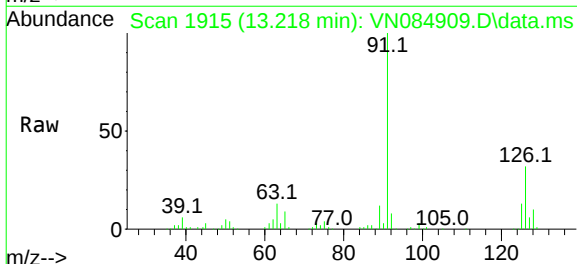
Manual Integrations
APPROVED

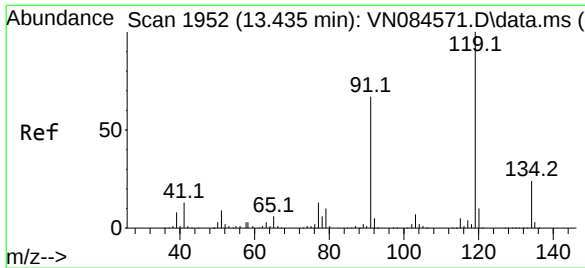
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
4-Chlorotoluene
Concen: 49.253 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion: 91 Resp: 303261
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1





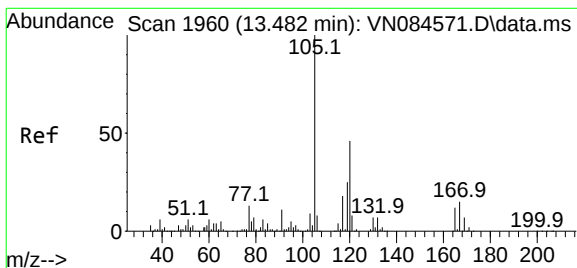
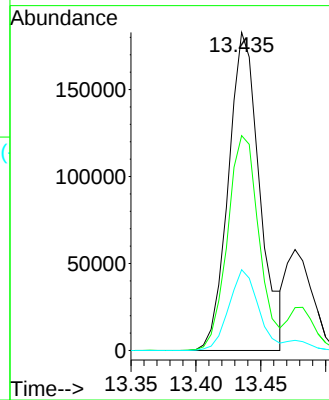
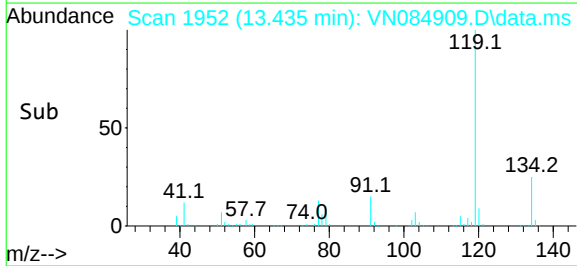
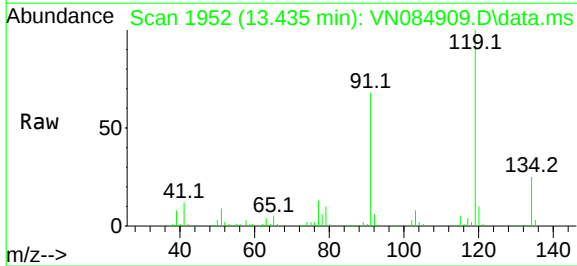
#83
tert-Butylbenzene
Concen: 58.692 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 307629
Ion Ratio Lower Upper
119 100
91 68.1 34.1 102.3
134 23.9 12.8 38.4

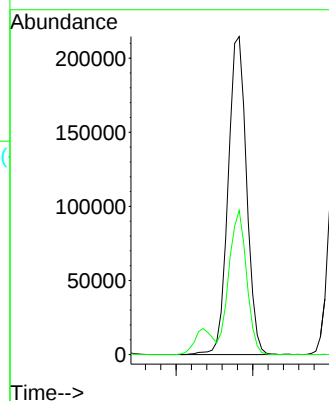
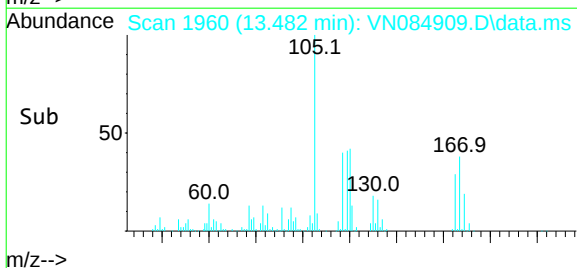
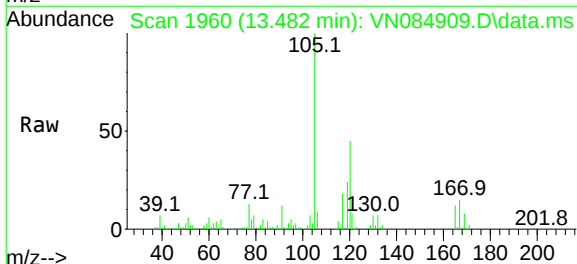
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 54.788 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:105 Resp: 358117
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.808 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 398386

Ion Ratio Lower Upper

105 100

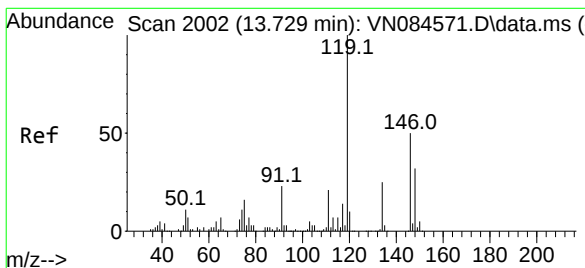
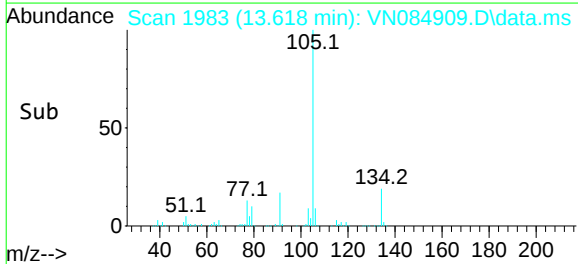
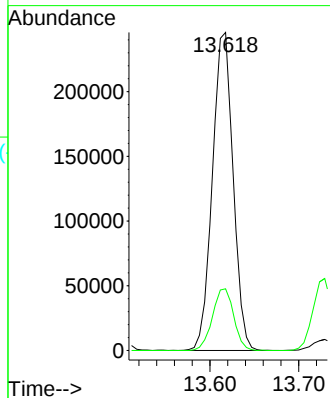
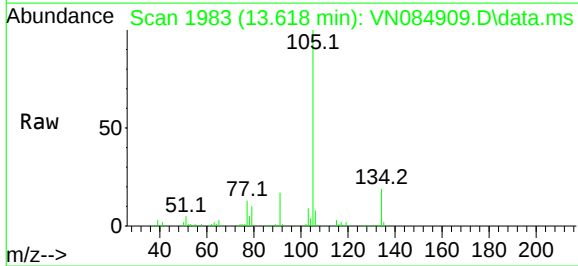
134 19.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#86

p-Isopropyltoluene

Concen: 56.220 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

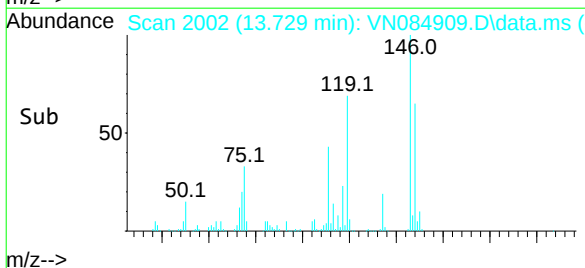
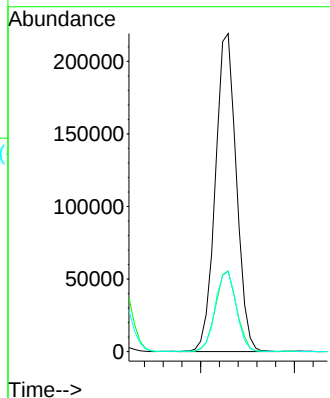
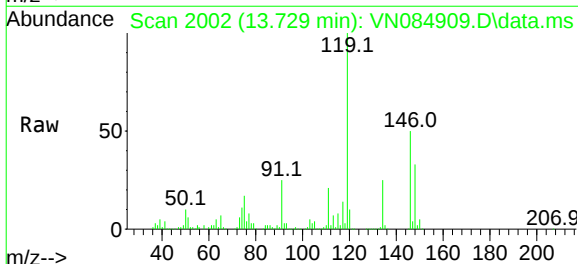
Tgt Ion:119 Resp: 341371

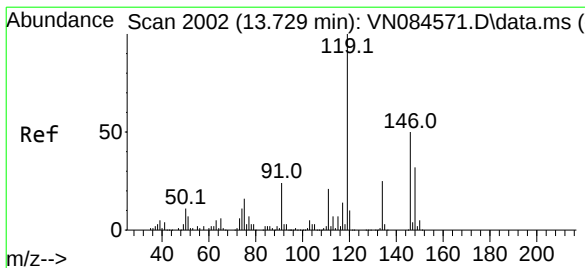
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.2 12.4 37.2





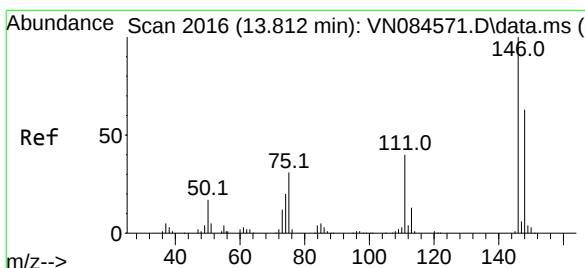
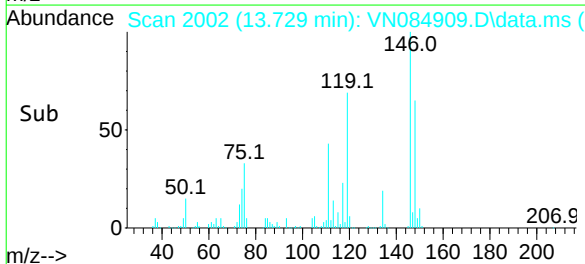
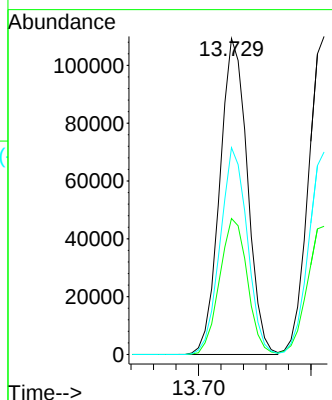
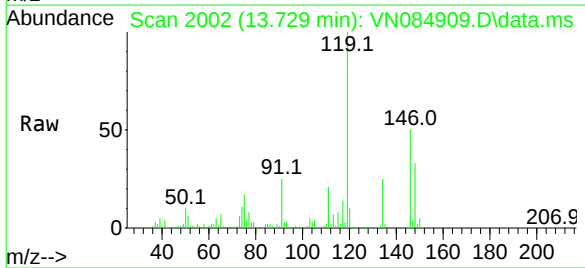
#87
1,3-Dichlorobenzene
Concen: 46.454 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 186228
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 64.4 31.9 95.7

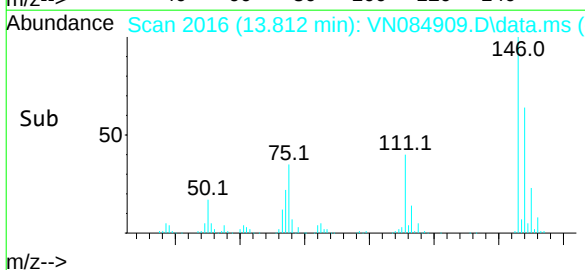
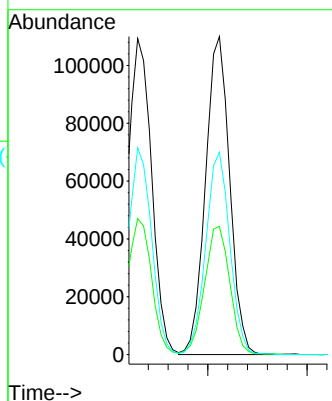
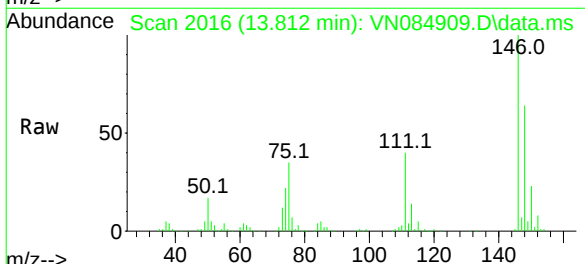
Manual Integrations
APPROVED

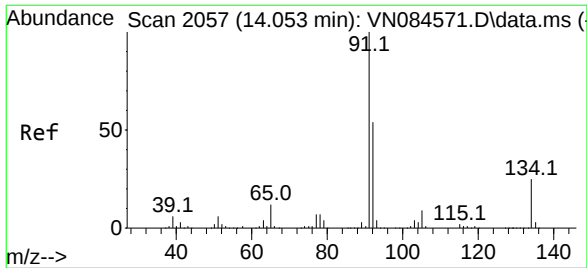
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#88
1,4-Dichlorobenzene
Concen: 50.749 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:146 Resp: 186440
Ion Ratio Lower Upper
146 100
111 42.2 21.2 63.6
148 63.5 31.9 95.9





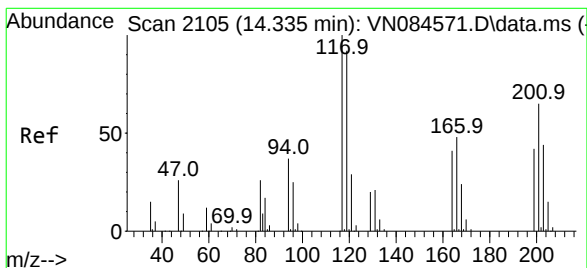
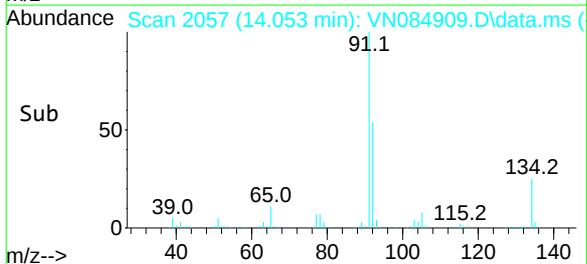
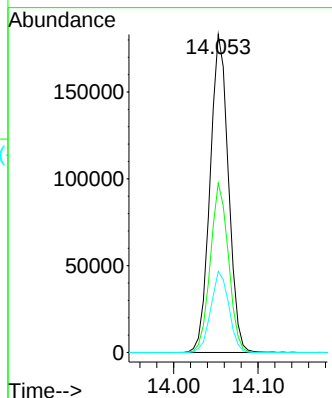
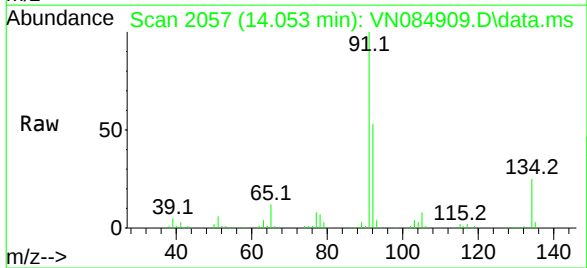
#89
n-Butylbenzene
Concen: 48.679 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	276493
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.6	79.7
134	25.1	12.3	36.9

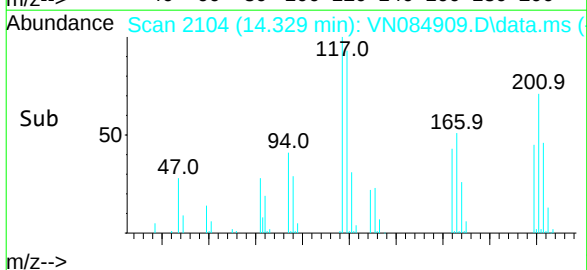
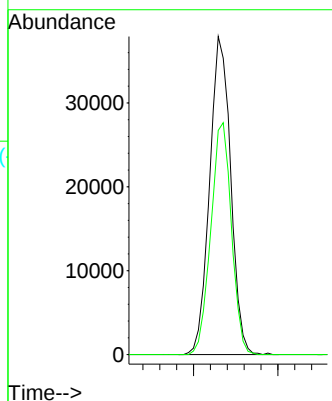
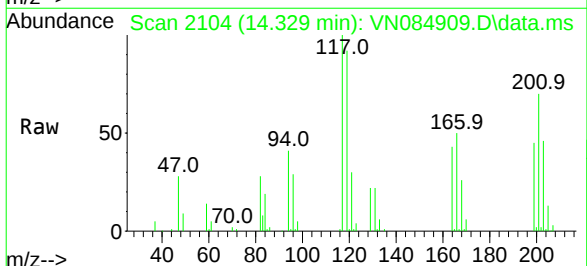
Manual Integrations
APPROVED

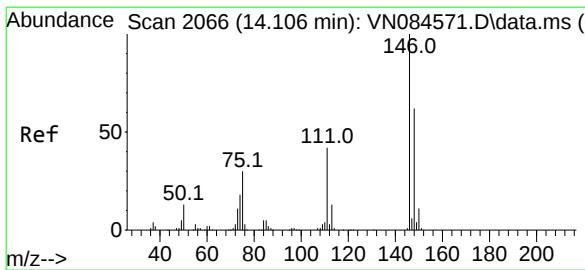
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#90
Hexachloroethane
Concen: 48.574 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:	117	Resp:	65775
Ion Ratio	Lower	Upper	
117	100		
201	71.3	34.4	103.2





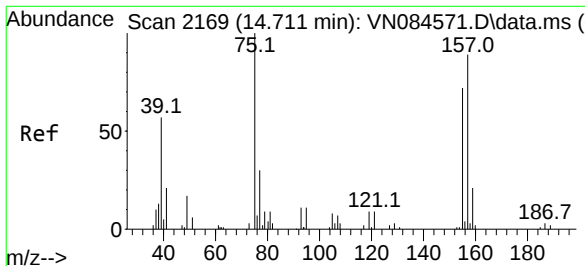
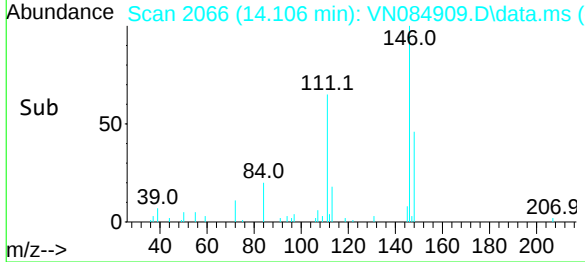
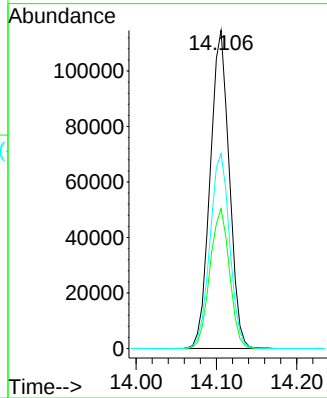
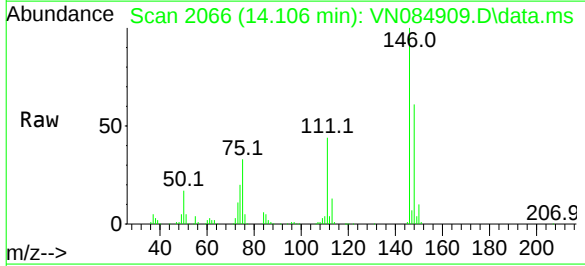
#91
1,2-Dichlorobenzene
Concen: 49.109 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	189180
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.0	66.0
148	63.2	32.1	96.3

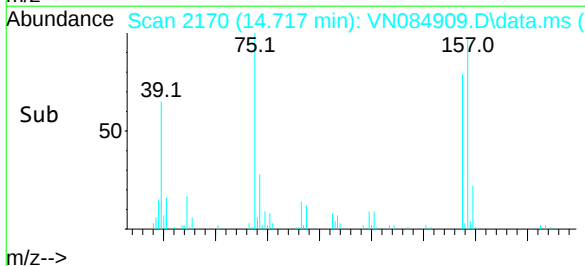
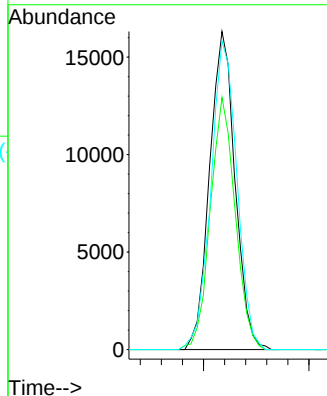
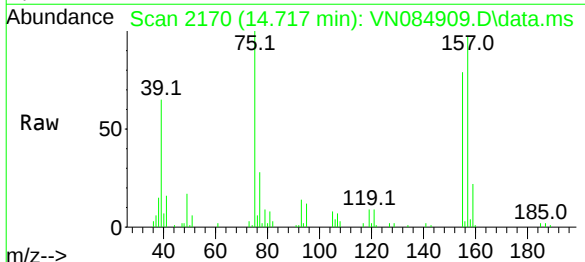
Manual Integrations
APPROVED

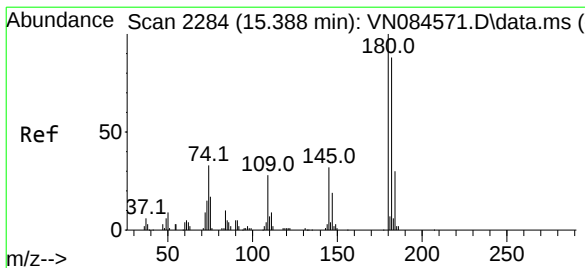
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.960 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084909.D
Acq: 17 Nov 2024 20:49

Tgt Ion:	75	Resp:	27364
Ion	Ratio	Lower	Upper
75	100		
155	77.5	38.1	114.5
157	99.4	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.595 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

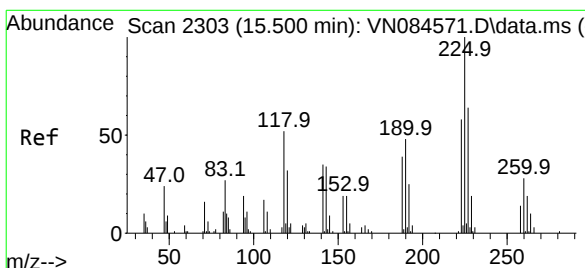
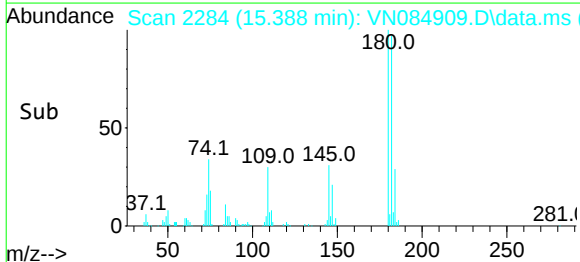
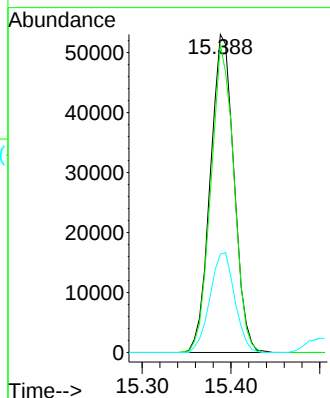
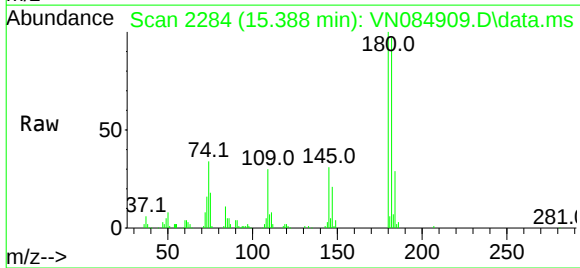
Tgt Ion:	180	Resp:	98246
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.0	141.0
145	32.8	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#94

Hexachlorobutadiene

Concen: 48.843 ug/l

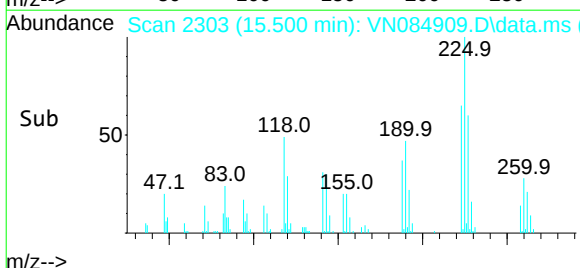
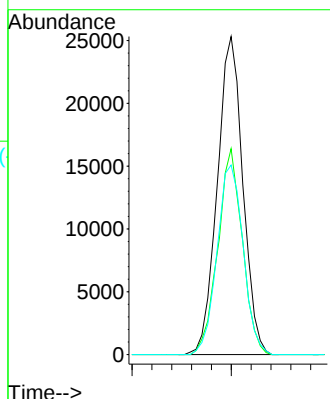
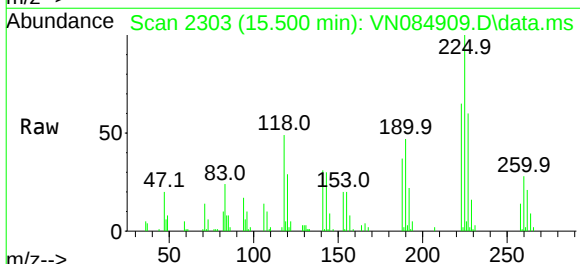
RT: 15.500 min Scan# 2303

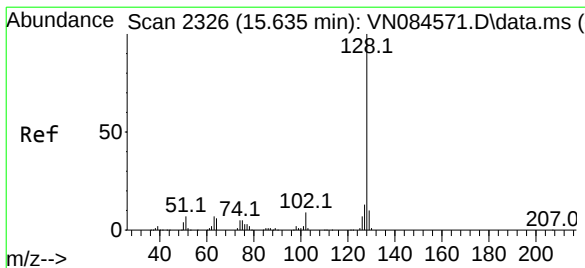
Delta R.T. -0.000 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion:	225	Resp:	45226
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.4	97.2
227	61.1	32.4	97.0





#95

Naphthalene

Concen: 49.703 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

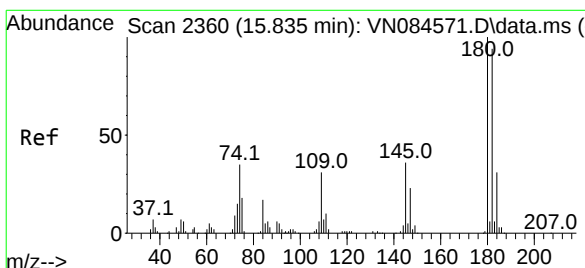
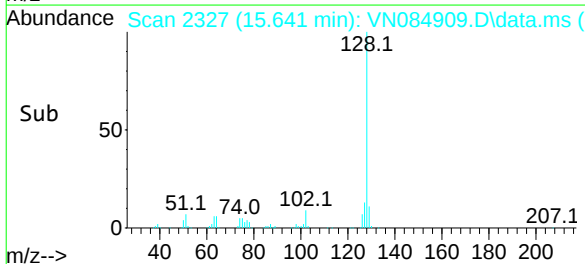
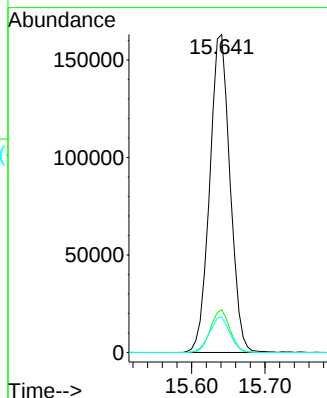
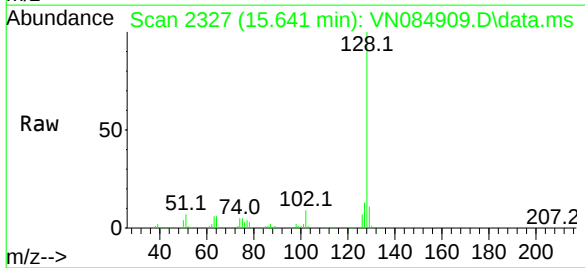
Tgt Ion:	128	Resp:	313685
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.468 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084909.D

Acq: 17 Nov 2024 20:49

Tgt Ion:	180	Resp:	97158
Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.2	144.6
145	34.5	17.3	51.9

